

REC-  
★ OCT 14 1897  
U. S. Department of Agriculture

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# THE NATIONAL PROVISIONER

The Organ of the Provision and Meat Industries of the United States.

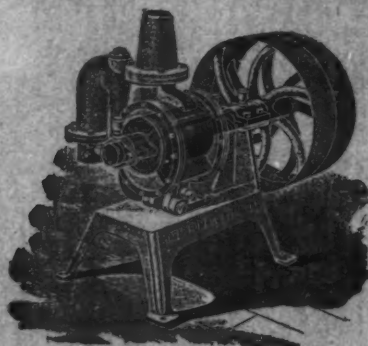
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Vol. XVII.—No. 14.

NEW YORK AND CHICAGO, SATURDAY, OCTOBER 2, 1897.

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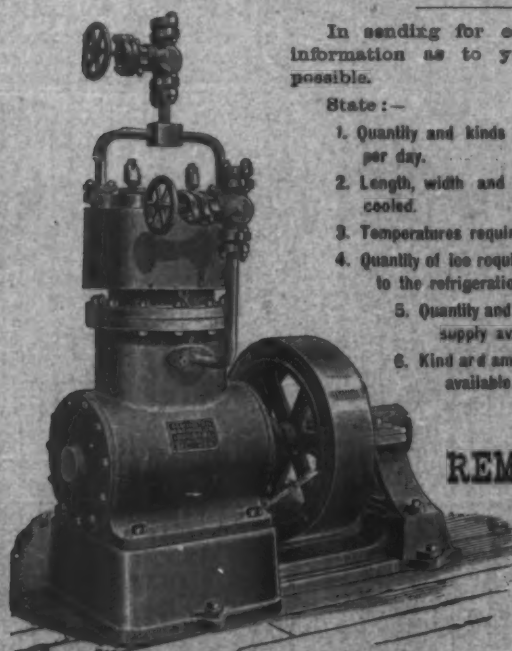
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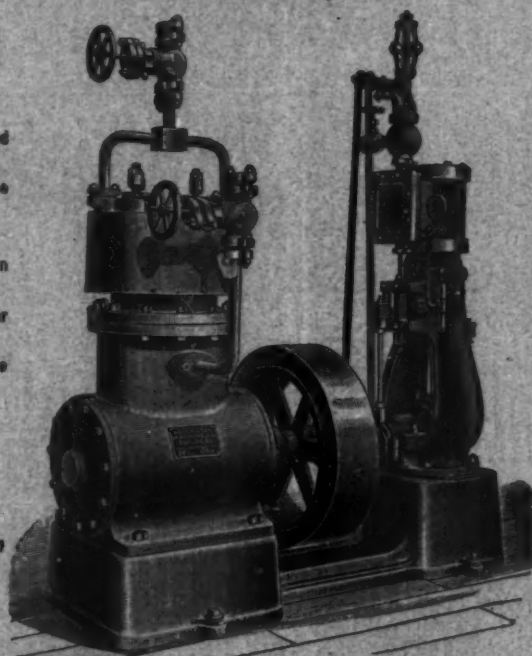


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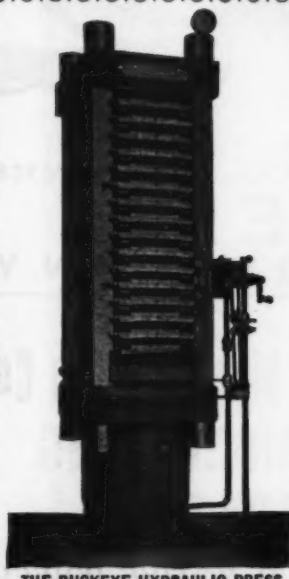
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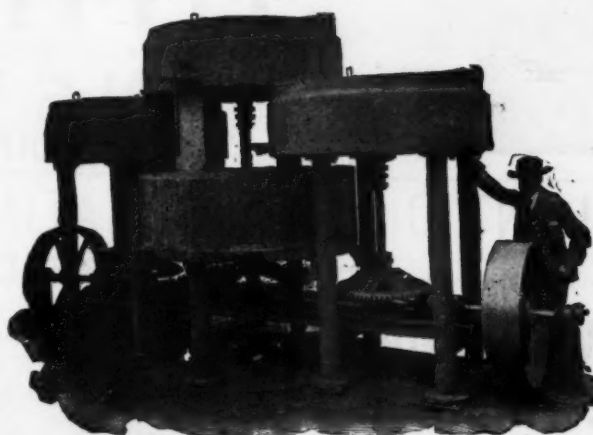
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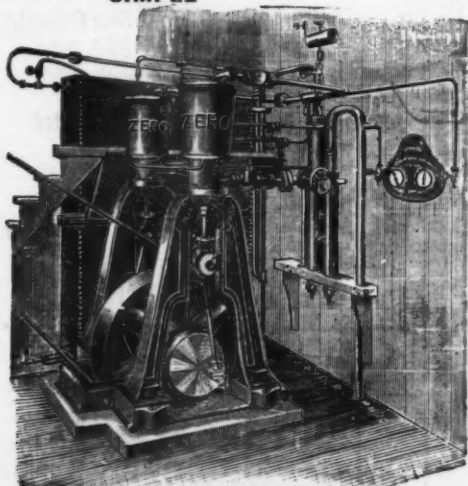
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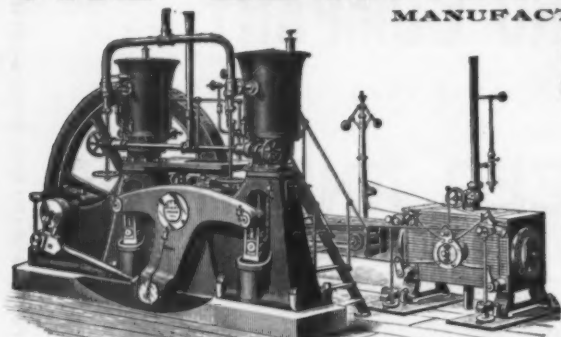
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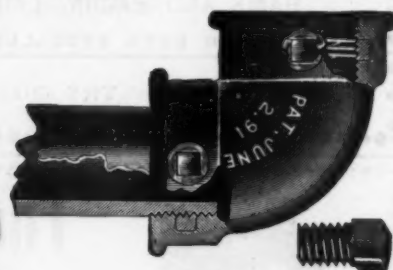
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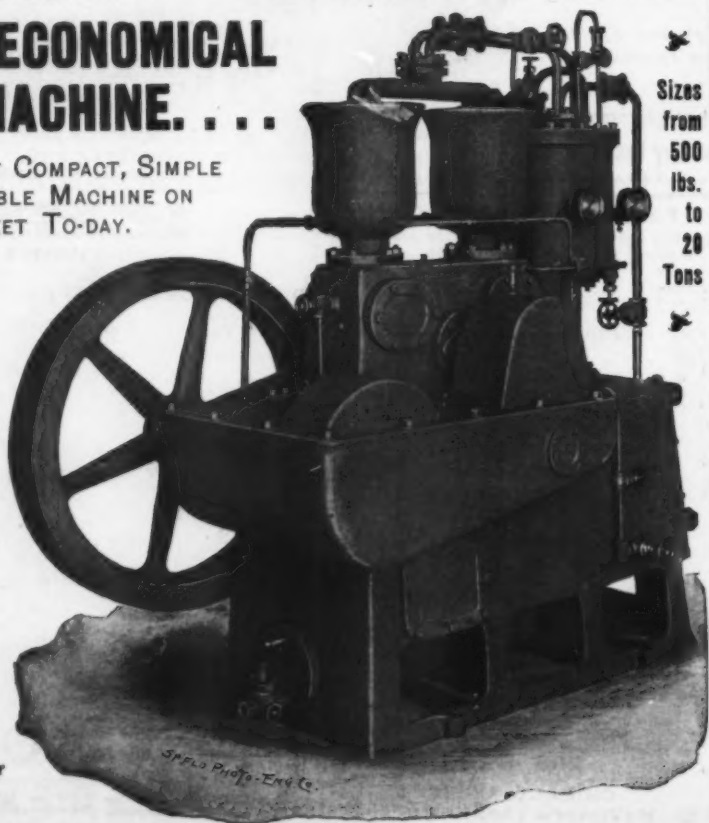
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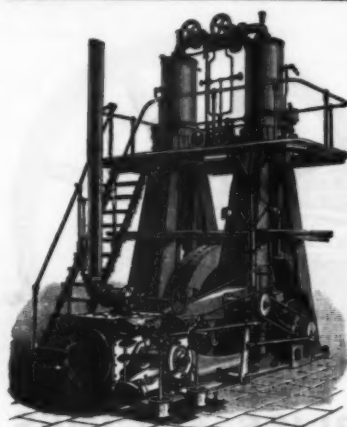
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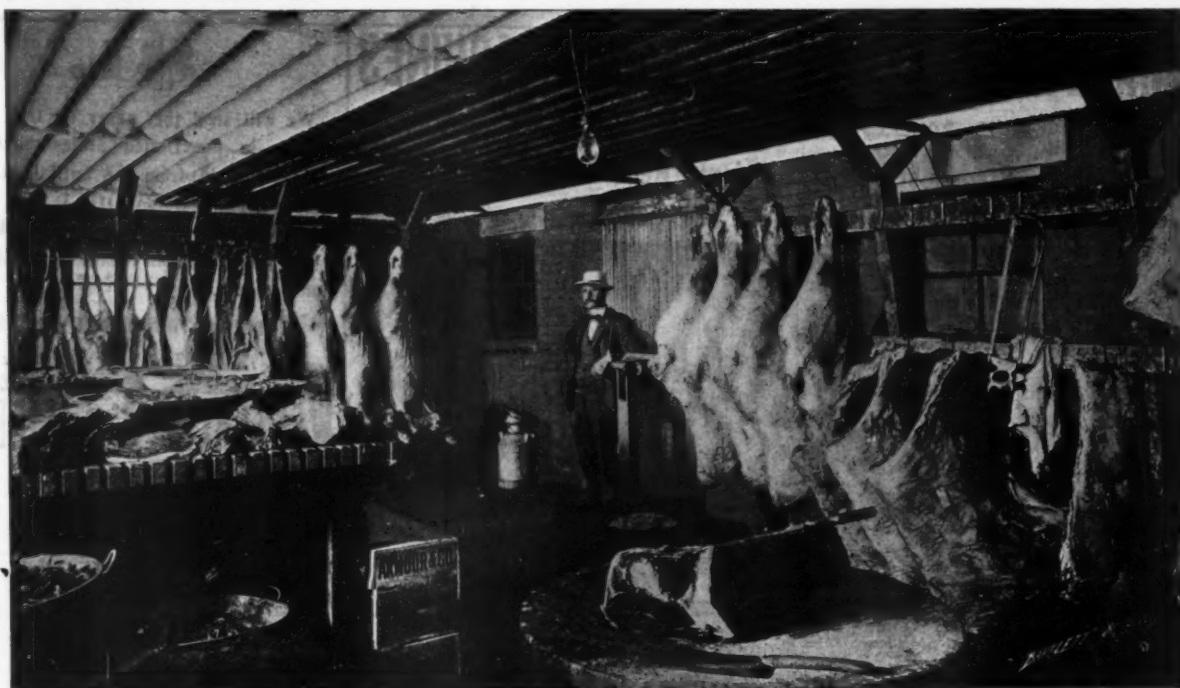
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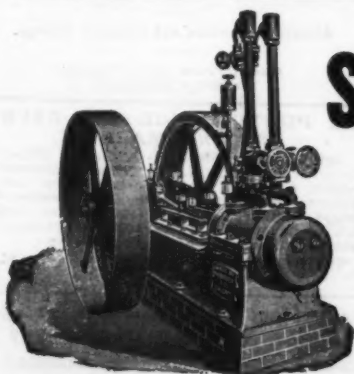
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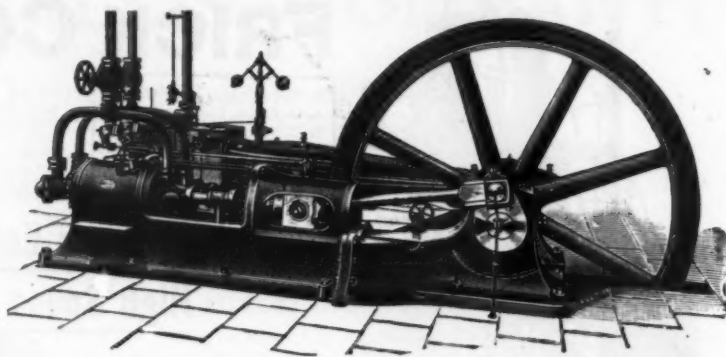
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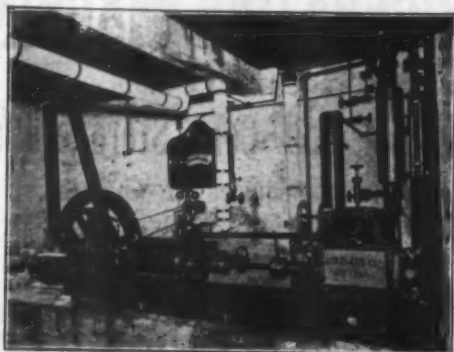
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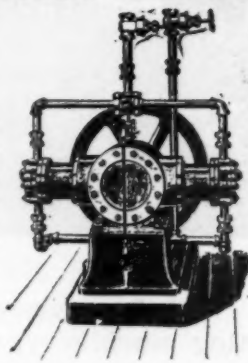
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## NEW YORK AND CHICAGO.

Vol. XVII. Saturday, October 2, 1897. No. 14  
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**THEY WILL PAY MORE FOR THEM.**

Liquidation of October holdings, yellow fever scares and sales by prominent packers could not make a lasting impression on the lard and provision market this week, and prices will go up as soon as the pressure is released. It may be a matter of conjecture whether the sales by packers—many of whom themselves less than a month ago had given out bullish interviews on the situation—were made to keep down the price of live hogs, for the purpose of being ready when the bull campaign starts. One thing, however, is sure

in our mind, and that is that they will buy back all they sold at higher figures. New factories are starting up all over the country. Crops are good, and prices for same much higher. Workingmen find employment and consumption is increasing. Yellow fever is abating. The East begins to feel a touch of the prosperity which the West already seems to enjoy. No matter how large the stocks or the production are at present, consumption and foreign demand will diminish those in a measure that will surprise the proverbial oldest inhabitant. We believe in higher prices in the end. We do not want to say that the market will not fluctuate and will go down or up a few cents, but we are of the opinion, and venture to predict, that those who are selling provisions and especially lard on a large scale now will buy them back at higher figures. Much higher figures at that! "You will pay more for them." Paste this in your hat.

**DRAWBACKS.**

Among the many points to be well considered by the American manufacturer and merchant in consequence of our recent change in tariff laws, not the least important is that of drawbacks. Although the section of the law dealing with this subject remained entirely unchanged, and Section 30, of the Dingley act, is absolutely identical with Section 22, of the deceased Wilson bill, the practical value of this drawback clause has materially increased corresponding to the reduction of the free list. We mention as a striking instance, salt, which by the Wilson act (No. 608) was put on the free list, while the more recent Tariff act of 1897 put a duty of 12 cents per 100 lb on salt in bags, sacks, barrels, or other packages, and of 8 cents per 100 lb if in bulk (No. 284). It was, therefore, found necessary to add in the Dingley act two provisos, one of which refers to drawbacks in the following words: "Provided further, That exporters of meats, whether packed or smoked, which have been cured in the United States with imported salt, shall upon satisfactory proof, under such regulations, as the Secretary of the Treasury shall prescribe, that such meats have been cured with imported salt, have refunded to them from the Treasury the duties paid on the salt so used in curing such exported meats, in amounts not less than \$100."

Another instance. Hides and skins, raw or uncured, whether dry, salted or pickled, were (under No. 505) on the liberal free list of the Wilson act. No. 437, of the Dingley act, put a duty of 15 per centum ad valorem on hides of cattle, raw or uncured, whether dry, salted or pickled, while only skins of all kinds, raw (except sheepskins with the wool on), and hides not specially provided for in this act are left on the free list (No. 664). For that reason the following proviso had to be added to No. 437, of the Dingley act: "Provided, That upon all leather exported, made from imported hides, there shall be allowed a drawback equal to the amount of duty paid on such hides, to be paid under regulations as the Secretary of the Treasury may prescribe." Whether or not a similar drawback should consistently be allowed on hides imported into the United States, if made from cattle exported from the same, is still a question of quite lively agitation. For all practical purposes the greatest difficulties unavoidably rise in this, like in most cases of claims for drawbacks, when it comes to the point of "satisfactory proof" of identity and quantity or measure. An average merchant will in all such cases do best to secure the assistance of an experienced customs broker, or else he will either fail materially short of his actual claims, or he will be in danger of coming in conflict with the authorities.

Before leaving the subject for this time

we believe it to be in the interest of our readers to again reprint Section 30, of the Dingley act, in full:

"That where imported materials on which duties have been paid are used in the manufacture of articles manufactured or produced in the United States, there shall be allowed on the exportation of such articles a drawback equal in amount to the duties paid on the materials used, less 1 per centum of such duties: Provided, That when the articles exported are made in part from domestic materials the imported materials, or the parts of the articles made from such materials shall so appear in the completed articles that the quantity or measure thereof may be ascertained: And Provided further, That the drawback on any article allowed under existing law shall be continued at the rate herein provided. That the imported materials used in the manufacture or production of articles entitled to drawbacks of customs duties when exported shall, in all cases where drawback of duties paid on such materials is claimed, be identified, the quantity of such materials used and the amount of duties paid thereon shall be ascertained, the facts of the manufacture or proportion therefrom shall be determined, and the drawback due thereon shall be paid to the manufacturer, producer, or exporter, to the agent of either or to the person to whom such manufacturer, producer, exporter or agent shall in writing order such drawback paid, under such regulations as the Secretary of the Treasury shall prescribe."

**PROPER INSULATION.**

The little note in our last issue advising packers and butchers to look out for proper insulation in their chill rooms has brought a great number of inquiries on the subject, and we are requested to describe more in detail the kind of material that should be used and the manner in which it should be done. The first condition for successful insulation is that nothing but the highest grade of material shall be used. Boards must be free from knots and the paper ought to be water-proof and of the best quality. It is wrong and costly in the end to use inferior material, no matter what your carpenter or builder will advise you, but do not allow him to put a board into your insulation that has a knot in it, for the reason that this knot will get dry and fall out in the end, and so frustrate your purpose. As a rule, three or four air spaces are used. The method is very simple. Furring strips of about 3/4-inch thickness are nailed vertically against the walls 2 or 3 feet apart, and against these one or two thicknesses of paper are nailed. Care is to be taken that the paper is properly lapped in corners and wherever one section joins the other. Tongued and grooved boards are nailed horizontally against the paper, and another layer of paper is nailed against the boards from the outside, then another furring strip is nailed on and paper and boards the same as before. No less than two air chambers ought to be in any cold storage room, and freezing rooms ought to contain at least three, if not more. Much depends upon the outer walls and the general location of the chill rooms, whether they are exposed to any heat from the boilers or whether they are secluded, etc. Ceilings ought to have two air spaces and floors ought to be calked and have one air space. As we have stated before, do not use sawdust under any circumstances. If you want to fill anything in between the walls, let it be mineral wool. In packing houses it is desirable that a mineral wool filling of at least two feet in height be put in at the bottom of the insulated walls, for the purpose of keeping out rats, mice, and the like. Many fill their floors with this material for the same purpose. Others nail galvanized sheet iron against the walls, bending it so that both floor and the wall is covered to the extent of 1 1/2 to 2 feet from the ankle where they join. We have gone at some length into this technical matter, and will be pleased to give further information to any one who inquires, but we cannot recommend too strongly

ly to butchers, packers, or any one contemplating the use of chill rooms to select the best material only, and to have the work done by people who understand the business.

### DO NOT START THE FIGHT!

The executive council of the American Federation of Labor, in session at their present headquarters, in Washington, D. C., upon application of different unions from Kansas City, Mo., decided to place the Armour Packing Co. in that city upon the "we don't patronize" list. The executive council, in its professed zeal for the best interest, went even a step beyond the application of the discontented unions, and included the house of Armour & Co., of Chicago, into their ostracism.

Now, we sincerely believe in the rights of organized labor to protect the interests of their comrades against the almost incessant onslaughts of monopolizing and selfish speculators, and one of the editors of "The National Provisioner," during more than four years of official life in charge of one of the most important federal offices, as far as labor interests are concerned, has furnished ample proofs of the sincerity of our sentiments. But at the same time we have at all times, and now do so again, warn our friends of the labor interests not to overdo in their zeal, and especially never to undertake to fight unless they are sure to do the right and just thing.

We are unquestionably on the eve of a period of prosperity, the extent of which will largely depend upon the position of the labor elements. If they act wisely they will quietly await the coming of their share of prosperity, which cannot possibly fail to fall to their lot with increased activity in commercial life. On the other hand, they might only too easily destroy all conditions and elements of future prosperity. In our economical and social system it is simply impossible for the laborer to prosper without a general encouragement for profitable occupation of enterprising capital. Any discouragement in that direction must necessarily react and be felt much harder by the economically and financially weaker classes.

The American Federation of Labor, at least under the management of their present president, Mr. Samuel Gompers, as a rule displayed a more conservative spirit than we are unfortunately wont to meet in most of the other large combinations of organized labor. They represent more of a deliberative body and less of bossism, passion and politics. It is, therefore, possible to appeal to their good sense and second sober thoughts. There is no time less appropriate for fights of any kind between capital and labor than a period like the present, where, with harmony and co-operation, not only the greatest, but really great good can be accomplished for all. Be careful and do not start the fight, or else you will kill the goose which you may reasonably expect to lay golden eggs also for you.

## PROVISIONS AND LARD. WEEKLY REVIEW.

All articles under this head are quoted by the lb., except lard and hogs, which are quoted by the cwt., and pork and beef, by the bbl. or tierce.

**VARIABLE MARKETS—OUTSIDERS MORE ON THE SHORT SIDE—LIBERAL HOG RECEIPTS—PACKERS CONFIDENT—CASH DEMANDS LESS LIBERAL—AT THE CLOSE TONE STRONGER.**

The temper of affairs the past week has not shown the ability of the long interest to swing the position permanently from the effects of somewhat demoralized features that had prevailed previously for a fortnight or more. At times a little more steadiness prevailed, while there were expressions in these moments of more regularity "that everything on the list is a good purchase," that "prices are on bottom," "look out for a turn," etc. But on arrival of hogs beyond an estimate, or a little further adverse news concerning the spread of yellow fever would almost immediately bring out a line of sellers to send the situation back again to some depression. But no very violent changes are occurring at any time, and the close of the week, on the frequent reactions, shows that the tameness in prices had not been so material as would appear on the daily fluctuations, while there is a slight gain in prices. It is hoped that when the deliveries are made with the close of the month that the position will develop a steadier tendency, although no very material prolonged addition to the strength can be expected right away. There is no question but that the apprehension over the extent of the deliveries and the uncertainty over the readiness of the market to absorb them has been a matter of some concern and an element of weakness, but back of it is the loss of confidence among the outsiders who upon every reaction generally spill out enough stuff to prevent more than a temporary gain in prices and occasionally crowd the position with offerings to bring about substantial deliveries. Then packers who are compelled to take up these increased outputs to steady the market find perhaps a larger supply of hogs to take in, and would not be especially anxious to impart too much tone to the products, while at the same time they would like to see a strong position in order to get out of their late options. The selling of the packers of the late deliveries, more especially January, has been a little more urgent this week than at any other time latterly. Packers have as well seemed

more urgent over selling cash products, and have been particularly anxious to place cut meats; this has contributed somewhat to the business. There has not been a free movement in cash lard at Chicago, although loose lard there has had a brisker sale, and at a better price under October than usual. There has been a good deal of liquidation of October ribs and lard, and this perhaps encouraged the opinion that after the scare is over that the market will work to a better basis, while an increased cash trade is looked for immediately upon the subsidence of the unfavorable influences which set in with the reports of yellow fever. On Monday Armour was supposed to be a buyer of October ribs, while the outsiders were selling the products generally for that month. The yellow fever news was then not much changed, and perhaps slightly more encouraging, but the packers that day got the best of the market and took up all of the outside offerings promptly, so that after an easier opening there was a clean advance before the close of 15 to 17 for pork, 15@17 points on lard and 12@15 points on ribs. An increased outlet for lard to shippers upon that day also stimulated the entire list and brought about the confidence of packers, while there was also a livelier distribution of meats, while the sentiment then was that the yellow fever news had been pretty well discounted. But on Tuesday there was a reaction, although not all of the advance of the day before was lost. The Cudahy Packing Co. became a seller of January ribs openly and through brokers, while the packers generally were pressing lard for sale, with the January delivery all around freely offered. The cash trade had become small again while the receipts of hogs had exceeded the estimate of the day before. On the reaction a few outside longs who had taken hold the day be-

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(SEE PAGES 12, 43 AND 45 ALSO.)

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fore sold out and added to the weakness. The decline that day was as well partly in sympathy with grain. The crowd sold more freely by reason of the yellow fever news, but the undertone after the reaction was very steady, as the packers took up the offerings well. On Wednesday the opening was practically unchanged from the night before, from which there were slight declines followed by rallies, and which left the market much as on the latest of the previous day. Cudahy was selling January pork, but the market held up very well against it. On Thursday the tone was improved with, after an opening advance of  $2\frac{1}{2}$  points, a further moderate advance all around. Trading was light, but the fever reports had less effect. October liquidation was about over. The weakness in hams, owing to large stocks, was an exception.

It will be seen therefore that although there had been frequent moving about of prices, that the market for the week is practically sustained, while toward the close stronger.

The sentiment is growing a little more confident of an early dismissal of depressed influences, or with the turn of the month, yet at the same time the belief is that the packers will have to carry the market along mainly, or at least that the outsiders will do their best on the short side. The productions are too large to admit of much buoyancy until cash and export demands are again in full force, while the former is not likely to materially enlarge so long as the apprehensions continue of the spread of yellow fever, notwithstanding the cooler weather and the feeling that has been shown in Texas, and even in Georgia and Alabama concerning possibilities and the marketing there of their home productions to rid themselves of the property before possible quarantine laws, as well as to get a little cash ahead, while as well curtailing wants of provisions generally over the West, while as concerns export demands it looks very doubtful that they will revive sharply until there are clearer indications of firmness here. Besides the markets generally in Europe are getting large quantities of cheaper stuff on shipments now taking place on old buying orders, while it is expected that a good deal of the meats and lard will go out all through October, as there were a good many contracts closed out ahead for that month some time since. Chicago has the principal stock of lard in this country, and it is being drawn upon steadily; nevertheless, it is too liberal with the current attention of buyers and the full outputs to expect indifference on the part of its owners. On the whole, however, we think affairs look a little more cheerful, while the quick rallies from concessions look as though the market was about at bottom, although the disposition of the packers here and there to get out liberal lines of the late options ran through most of

the week. The hog packing West for the week was 300,000 head, against 265,000 head same time last year. The average weight of hogs last week at Chicago was 261 lb; previous week, 252 lb; same week in 1896, 252 lb.

The prolonged drought all through the West, which has destroyed fall pasture and delayed plowing and seeding will, it is thought, unless relieved soon, become a factor in grain, while the late bearish sentiment on grain has helped somewhat to unsettle the provision market. From the Southwest come reports that unless there was rain within a few days that there would be no grass for cattle left, and that nothing would save the cattle men from loss except a breaking up of the drought, and that if the cattle men are compelled to feed corn from this on that their losses will be severe.

The English shippers continue unwilling buyers of beef, with the impression that its prices here had ought to be cheaper, although they must come upon the markets in this country before long; the jobbing movements in beef generally are moderate.

Monday's market at Chicago opened  $2\frac{1}{2}$ @5 lower for pork, ribs and lard, and then advanced sharply, or 12 to 17 points closing at about the best figures of the day. The packers generally were buying and the outsiders selling rather freely. The receipts of hogs at the West were 50,000 head, of which 36,000 head at Chicago, where the prices were 5 lower. Last year, same day, receipts were 60,400 head for the West generally, of which 42,500 head at Chicago. Pork closed at \$8.22 for September, while October sold from \$8.05 to \$8.22, closing at \$8.22. December sold at from \$8.15 to \$8.30, closing at \$8.30. January from \$9.10 to \$9.30, closing at \$9.30. Lard—September opened at \$4.32, sold up to \$4.47, closing at \$4.47 to \$4.50. October opened at \$4.32, advanced to \$4.47 and closed at \$4.47 to \$4.50. December opened at \$4.40, advanced to \$4.57, and closed at \$4.55 to \$4.57. January opened at \$4.55, advanced to \$4.70, and closed at \$4.70 bid. Ribs—September closed at \$5.02 bid; October opened at \$4.90 and sold to \$5.02, closing at \$5.02 bid; December opened at \$4.70, sold up to \$4.85, closing at \$4.85; January opened at \$4.70, sold to \$4.85, closing at \$4.82½.

The New York market showed for cash Western sales of 250 tcs. at \$4.85, while 2 tanks were sold at \$4.65. Of city steam there were sales of 80 tcs. at \$4.75. Refined was at \$5.30 for Continent, \$5.75 for South America, \$6.85 for do, kegs; compound at  $4\frac{3}{4}$ @5, and neutral at  $6\frac{1}{4}$ @6½. Of pork sales were 350 bbls., of which old mess at \$8.62@9.25, and new mess at \$9.37@10.25. Beef was at \$13@15.50 for India mess, in tcs., and beef hams at \$25@25.50. Cut meats had sales of 1,200 pickled shoulders at  $5\frac{1}{4}$ @5½; 2,000 pickled hams at 8@8½; 5,000 lb pickled bellies, 12 lb average, at 7; do, 10 lb average, at 7¼; do, 14 lb average, at 6¾. Hogs were at 5½ for bacon or 6¼ for 120 and 140 lb average, and 6½ for pigs.

The clearances from Chicago for the previous week were then reported at 7,422 bbls. pork; 7,096,022 lb lard and 19,012,046 lb meats; same time last year, 5,643 bbls. pork, 9,616,020 lb lard, and 16,149,722 lb meats.

The exports from the Atlantic ports for the previous week were: 5,850 bbls. pork; 12,760,352 lb lard, and 15,973,698 lb meats; corresponding week the previous year, 2,988 bbls. pork; 11,694,865 lb lard, and 6,505,138 lb meats.

Tuesday's markets at Chicago opened in part  $2\frac{1}{2}$  lower for pork, lard and ribs, sold off 5 to 15c. further on pork, 5 to 7 points on lard and 12 points on ribs, but rallying slightly. There was some buying by the packers and foreign houses. Cudahy was selling January ribs and some of the packers were

early in the day letting lard go freely. The receipts of hogs at the West were 47,000 head, of which 20,000 head at Chicago; market there 5c. higher; last year, 62,200 head at all points West, of which 22,200 head at Chicago. Pork—September closed \$8.10 nominal; October opened \$8.12, sold off to \$8.07 up to \$8.12, back to \$8.07, closing at \$8.10 nominal; December opened at \$8.30, sold down to \$8.15, up to \$8.22, back to \$8.17, closing at \$8.20 asked; January opened at \$9.27½, sold down to \$9.15, and closed at \$9.14 nominal. Lard—September closed \$4.40 nominal; October opened at \$4.42, sold down to \$4.40, up to \$4.42, back to \$4.37, closing at \$4.40 asked; December opened at \$4.55, sold down to \$4.47, closing at \$4.47 asked; January opened at \$4.70, sold down to \$4.62, closing at \$4.62 asked. Ribs—September closed at \$4.87 nominal; October opened at \$5.00, sold down to \$4.87, up to \$4.90, closing at \$4.87; December opened at \$4.87½, sold down to \$4.75, closing at \$4.75.

In the New York market the only changes were cash Western down to \$4.77@4.80; city steam at \$4.50@4.55; refined, continent, at \$5.25, and sales of 250 bbls. pork at the prices of the day before, above quoted.

Wednesday's Chicago market had shown Cudahy selling January pork, and liquidation of October option by the outsiders; the packers, outside of Cudahy, were taking the offerings; cash demands were improving; the opening prices were steady, generally unchanged, but 2 to 5 points higher on ribs, and the variations small, closing with slight declines on pork and ribs, while lard held up well. Pork—September opened at \$8.00, and closed \$8.05 nominal; October opened at \$8.10, sold down to \$8.00, and closed at \$8.05; December opened at \$8.20, sold down to \$8.15, up to \$8.20, back to \$8.10, closing at \$8.17; January opened at \$9.17, went to \$9.12 to \$9.15, to \$9.05, closing at \$9.10. Lard—September closed at 40; October opened \$4.40 bid, went to \$4.42, back to \$4.37, closing at \$4.40 bid; December opened at \$4.47, sold to \$4.50, to \$4.47, to \$4.52, closing \$4.47 bid; January opened at \$4.65, sold to \$4.62, to \$4.67, to \$4.62 again, closing \$4.62 bid. Ribs—September opened at \$4.92, closed at \$4.90 nominal; October opened at \$4.92, sold down to \$4.82, closing at \$4.90; December opened at \$4.75, sold down to \$4.70, closing at \$4.72; January opened at \$4.75 bid, sold to \$4.77, back to \$4.70, closing at \$4.72. Receipts of hogs West 55,000 head, of which 26,000 head at Chicago; heavy average weak; last year, same day, 36,000 head at Chicago and 77,000 head at all Western points.

The New York market was quiet, with cash Western at  $4.77\frac{1}{2}$ @4.80; city steam at  $4.50\frac{1}{2}$ @4.60; refined for continent was easy at 5.20, and S. A. at 5.70, with kegs at 6.80, while compound was at  $4\frac{3}{4}$ @4¾. Of pork there had been 450 bbls. sold at unchanged prices, while cut meats had not varied in price.

Thursday's Chicago market had, after a firm opening and  $2\frac{1}{2}$  to 5 points' advance, showed a further improvement, although not actively trading, while there had been some changing over of October pork and ribs, and the liquidation was well over, with expectations that immediately after the first of the month prices would become better. Chicago had receipts of 25,000 hogs, and at all Western points there were 51,000 head, with prices strong and 5 higher. Pork—October opened at \$8.07, sold at \$8.17, back to \$8.12, closing \$8.17 nominal; December opened at \$8.17, sold to \$8.30, down to \$8.22, closing at \$8.27 bid; January opened at \$9.12, sold to and closed at \$9.22. Lard—September closed \$4.50; October opened at \$4.42, sold to and closed \$4.50; December opened at \$4.50, advanced to \$4.60, closing \$4.57@4.60; January opened at \$4.67, sold to and closed at \$4.75. Ribs—September closed at \$4.92; Oc-

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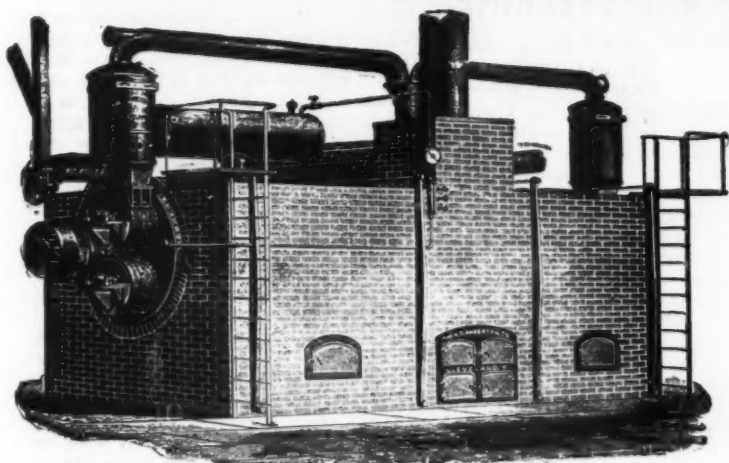
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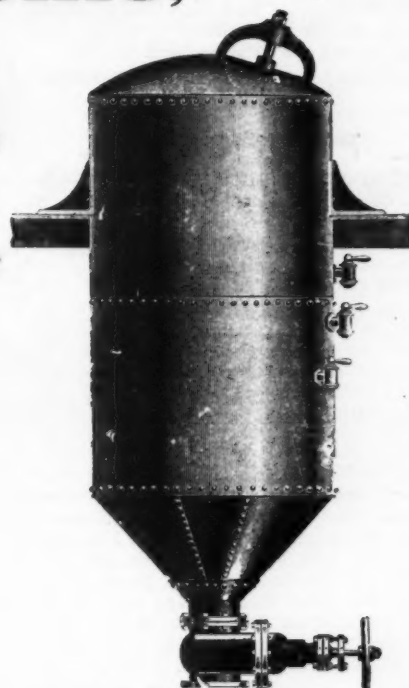
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### THE ONLY REAL PRESERVATIVE FOR MEATS OF ALL KINDS.

ESTABLISHED  
1877.

Prevents Fermentation  
and Souring of Meats.  
Prevents Skippers,  
Slime and Mold.  
Prevents the Dangerous  
Fungus in Meats.  
Gives the Meat a  
Uniform Cherry-red Color.



ESTABLISHED  
1877.

Prevents Rapid  
Shrinkage in Meats.  
Retains Moisture in Sausage.  
Prevents Green Spots  
or Meat Turning Gray.  
Retains the Juice in Meat  
and Keeps it Tender.

THREE DIFFERENT KINDS MADE FOR MEATS:


- "A"** PRESERVATIVE, for Pork and Liver Sausages, Sausage Meat, Chopped Meat, White Puddings, Tenderloins, Fresh Meats, Poultry, Game, Birds, etc.
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FULL DIRECTIONS IN EACH PACKAGE.

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THE SOLE PROPRIETORS  
OF PRESERVATIVE,

## THE PRESERVATIVE MANUFACTURING CO.

12 Cedar Street, New York.

 The Boar's Head Picture is on every Package of  
the Genuine Preservative. TAKE NO OTHER.

183 Illinois Street, Chicago.

No. 779 Mission Street, San Francisco, Cal.

 LOOK FOR THE RED SEAL ON EVERY PACKAGE.



tober opened at \$4.90, sold to \$4.92, back to \$4.87, up to \$4.95, closing \$4.92@4.95; December opened at \$4.77, sold to \$4.80, closing \$4.77@4.80; January opened at \$4.72, advanced to \$4.80, closing \$4.77@4.80.

The New York market was firmer, with cash Western at \$4.95; city steam, \$4.50@4.55; refined for continent at \$5.25; otherwise no changes in prices here.

(For Later Report see Page 42.)

## PROPOSALS.

**PROPOSALS FOR FRESH BEEF.**—Office Chief Commissary, Governors Island, N. Y., Sept. 21, 1897.—Sealed proposals, in triplicate, will be received at their offices by Commissaries of following posts, respectively, until 12 o'clock M., Nov. 1, 1897, and then opened, for furnishing and delivering at the posts, respectively, the fresh beef, in bulk, required for use thereof during the six months commencing Jan. 1, 1898, viz.: Fort Adams, R. I.; Fort Barrancas, Fla.; Columbus Barracks, Ohio; Fort Columbus, N. Y.; Fort Ethan Allen, Vt.; Fort Hamilton, N. Y.; Jackson Barracks, La.; Key West Barracks, Fla.; Madison Barracks, N. Y.; Fort McHenry, Md.; Fort McPherson, Ga.; Fort Monroe, Va.; Fort Myer, Va.; Fort Niagara, N. Y.; Plattsburg Barracks, N. Y.; Fort Porter, N. Y.; Fort Preble, Me.; Fort Schuyler, N. Y.; Fort Slocum, N. Y.; St. Francis Barracks, Fla.; Fort Thomas, Ky.; Fort Trumbull, Conn.; Fort Wadsworth, N. Y.; Fort Warren, Mass.; Fort Washington, Md.; Washington Barracks, D. C.; Allegheny Arsenal, Pa.; Augusta Arsenal, Ga.; Columbia Arsenal, Tenn.; Frankford Arsenal, Pa.; Kennebec Arsenal, Me.; Springfield Armory, Mass.; Watertown Arsenal, Mass.; Watervliet Arsenal, N. Y.; West Point, N. Y., and Willets Point, N. Y. Proposals will also be received stating price at which contractor will deliver to commissary fresh beef, to be, when delivered, of temperature not greater than 50 degrees fahrenheit. Right is reserved to reject, in whole or in part, any or all bids. For information apply to commissaries of posts. Each proposal should be inclosed in a sealed envelope, marked "Proposals to be opened Nov. 1, 1897," and addressed to commissary of post to which it relates. C. A. WOODRUFF, Major, Chief Com'y.

### STATE OF NEW YORK—LONG ISLAND STATE HOSPITAL.

Steward's Department.

O. M. Dewing M. D.,  
Acting General Superintendent.  
F. A. Wheeler,  
Steward.

#### TO CONTRACTORS:

Brooklyn, Sept. 20, 1897.

Proposals for furnishing fresh and salt meats for the period of five (5) months and twenty (20) days from Oct. 11, 1897, to the Long Island State Hospital of Brooklyn and Kings Park, will be received at the office of the Board of Managers, Room 107, Arbutuckle Building, 367 Fulton street, Brooklyn, N. Y., until 3 P. M. Monday, Oct. 11, 1897, at which time they will be publicly opened by said managers.

Any person or corporation making a proposal for furnishing said fresh and salt meats

shall furnish the same in a sealed envelope, indorsed "Proposal for the Furnishing of Fresh and Salt Meats for the Long Island State Hospital," and also with the name of the person or corporation making same and date of its presentation. The Board of Managers reserves the right to reject any or all bids, as may appear to the best interests of the State.

Any further information, specifications, forms of contract, etc., will be furnished on application at the office of the Steward, Long Island State Hospital, Kings Park, L. I.

TRUMAN J. BACKUS,  
President Board of Managers, Long Island State Hospital.

## TALLOW AND STEARINE.

### WEEKLY REVIEW.

All articles under this head are quoted by the lb. except animal oils, which are quoted by the gallon.

**TALLOW.**—There had been little of interest developing upon the New York market until the past week. The market had got at that stage when there was a disposition to halt on both sides. The large melters had felt that they could sell city most any time at  $3\frac{1}{2}$ ; that it was not likely to go lower than that, while they were in hopes that if the provision market should come about to greater steadiness that tallow would move away from its recent comparatively easy basis. But with the beginning of this week there was nothing in sight for an immediate change to more firmness, while it looked as though buyers would hold off except as they could get the city made at  $3\frac{1}{2}$ . Some of the melters adopted the policy of placing their makes promptly, rather than storing, while one of the two largest melters continued to put his productions in store, except as they were steadily moving out in moderate quantities in other than hoghead packages, or in tierces. On Monday, however, there was a lot of 250 hhds. city that had been held some little time by a speculator, sold at  $3\frac{1}{2}$  to a local soap house. On Tuesday came the most important feature of the market, when a leading melter, rather than store more of his productions, let 500 hhds. fresh made city go at  $3\frac{1}{2}$  to a local soap concern. This practically settled the market in a general way at  $3\frac{1}{2}$ , since these people had been among those who were asking 4, although it was very doubtful if they would sell their holdings in store at the lower price. However, on Wednesday there were other lots of city on offer at  $3\frac{1}{2}$ , after a sale on that day of 50 hhds. at the price. The stocks of city in store here, therefore, are no greater than the previous week and are probably 2,900 hhds. On Thursday 175 hhds. city went in on contracts at  $3\frac{1}{2}$ , and a sale of 75 hhds. was at  $3\frac{1}{2}$ . We hear of no more shipments by tank cars, and it is probable that the recent contracts with the Southwest Soap House are completed. There is a little more city tallow coming out steadily from the melters' hands, while there are few parcels now held on speculative account. For the stored lots the disposition is to wait until the market seems better able to take care of them. Some of the country melters have become a little discouraged over the recent tame complexion of affairs, and are letting out some of their old holdings; therefore, there has been a better supply of these

out-of-town goods on offer here the past week, while they have suffered a little in price to favoring buyers; but there are many of these interior makers with opinions that the market must do better, and they refrain from accepting the current conditions of the market for their supplies. But the soap trade here is not at all brisk, although it is enlarging a little, while, with next month it ought to show a decided improvement in the usual efforts through October and which run into early November to get supplies forward before the close of inland navigation. However moderate the run of business here in the soap trade, the West is apart from it in finding that its orders are keeping up in full volume, and that its usual channels of distribution are as wide and satisfactory as for some time. But the West has not been able to shake off entirely its recent depression on tallow. It got down to 4 on its prime packers' grade, and then recovered to 4 1-16, at which it sold 500 tcs., but it is hard to draw bids there over 4, although the feeling is expressed that a steadier tone only is needed over the hog products to bring tallow once more to a satisfactory position. There has been some enlargement of the supply at the West, naturally in the quiet feeling for a couple of weeks, but the assortments are by no means up to the amounts usually held, although if demands are to remain slow for a little time longer the accumulations will become perhaps burdensome. The prospects for material strength to the market are not encouraging right away, since, with the dragging outside conditions for fats, in lower cottonseed oil, etc., the fact that neither continent nor English shippers are no more interested in the market here now, with its easier price, is dispiriting. So far as France is concerned, there is a complete lull, while the English shippers do not come within  $\frac{1}{4}$  of the current price, while naturally, with the dull condition of affairs, are more indifferent than they were a fortnight since. While quoting  $3\frac{1}{2}$  for city as the basis of the sales that have been taking place, yet it must be understood that one of the largest melters having considerable lots to sell would not listen to a bid of that price, or would lots in store be let out at the figure, although there is not so much talk of the old holding rate for the near future, and the belief is that if they could get a little more than the current rate for a large line they would sell. The country-made lots have been taken through the week to the extent of 325,000 lb. and at very irregular prices, with difficulty in se-

(Continued on page 18.)

## Bones Wanted.

CUT THIGH, SHIN, BLADE,  
BUTTOCK, CLODS or  
SHOULDER BONES,  
WITHOUT KNUCKLES.

Address,

**C. W. CEILER,**  
116 Broad Street, Boston, Mass.

**WM. HOOTON & CO.**

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CHICAGO BOARD OF TRADE.

**BROKERS,**

OFF LARD AND GREASE A SPECIALTY.

406 RIALTO BUILDING,  
CHICAGO, ILL.

LARD, OILS, TALLOW, GREASE, Etc.

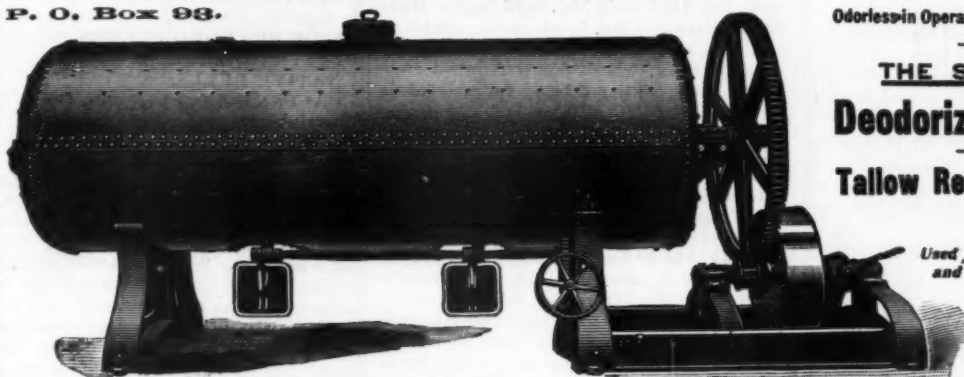


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Oil and Butterine Factories and Lard Refineries.

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MANUFACTURERS OF PATENT IMPROVED FERTILIZERS

## DRYERS

of all sizes, from 3 to 5 feet Diameter, for  
FERTILIZERS, CHEMICAL WORKS,  
and all other purposes.

Odorless in Operation. Give universal satisfaction

THE SMITH

Deodorizing Condenser

Tallow Rendering Tanks,  
Lard Coolers, etc.

Used in the leading Packing-Houses  
and Abattoirs and by the principal  
Butchers throughout  
the country.

SEND FOR CATALOGUE AND  
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THE E. VAN WINKLE GIN AND MACHINE WORKS,

ATLANTA, GA.

WE MAKE

STEAM DRYERS

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BONE MILLS.

Our Prices are Low.

C. O. BARTLETT & CO.

CLEVELAND, O.

GRINDS RAW  
BONES,  
PHOSPHATE,  
STEAMED BONES,  
SALT, CLAY,  
MARL, ETC.



DOES NOT GET  
OUT OF ORDER;  
IS DURABLE, AND  
COMPLETE READY  
FOR THE BELT.

## SAVE YOUR PROVISIONERS!

THIS PAPER WILL BE VALUABLE  
TO YOU IN YEARS. SAVE IT! WE  
WILL SELL YOU A BINDER HOLD-  
ING 20 NUMBERS, TOGETHER WITH  
A PUNCH FOR \$1.50.

SEND FOR A BINDER!

BINDERS WITHOUT PUNCHES, \$1.00.

THE NATIONAL PROVISIONER,

284-286 PEARL STREET, NEW YORK.

RIALTO BUILDING, CHICAGO.

Index to Advertisements can be found on Page 7.

## HIDE AND SKIN MARKETS.

## CHICAGO.

**PACKER HIDES.**—Despite the weakening developments of the past two or three weeks the packers maintain their confidence and independence. Large sales of natives have been made during the past week at 11c, and the stock is now being held at 11½c. It is true that tanners are reluctant buyers at present prices, although this difficulty would be quickly obviated by a good demand for leather at the advance price. We quote:

No. 1 NATIVE STEERS, 60 lb and up, free of brands, have been in active request during the past week at 11c, large sales having been made on that basis. Stock is now being firmly held at 11½c.

No. 1 BUTT-BRANDED STEERS, 60 lb and up, have sold fairly well and are quotable at 10½c.

COLORADO STEERS, 60 lb and up, have had a good call at the present figure, 9½c.

No. 1 TEXAS, 60 lb and up, have been in very good demand; the preference being given to heavy stock. Prices on this stock have varied from 9½c. to 10½c., much of it now being held at the latter figure.

No. 1 NATIVE COWS, 55 lb and up, have not been in active demand; some sales were made on a 10c. basis, and much light stock is now being held at 10½c.

BRANDED COWS have had a fair call at 9½c.

NATIVE BULLS have sold to some extent, but 9c. doesn't seem to be a popular price.

**COUNTRY HIDES.**—The market is a trifle stronger, although high prices continue to impede sales, as does also the prospect of more generous supply. The principal demand is for plump stock. We quote:

No. 1 BUFFS, 40 to 60 lb, free of brands and grubs, have had a good sale and are well cleaned up. They are quotable at 9½c. and 9c. for Nos. 1s and 2s.

No. 1 EXTREMES, 25 to 40 lb, are limited in supply and demand. They are offering at 10½c.; sales nominal.

BRANDED STEERS AND COWS have not been free sellers, and are quotable at 8½c. flat.

HEAVY COWS, 60 lb and up, free of brands and grubs, are limited in supply. They have sold in small instalments at 9½c. for No. 1; No. 2, 9c.

NATIVE BULLS are also in light supply, and are offering at 9c.

CALFSKINS, 7 to 15 lb, are free sellers at 8c. and 11½c. for 1s and 2s.

KIPS, 15 to 25 lb, are stronger owing to scarcity. They are now offering at 12c. and 12½c.

DEACONS under 7 lb offering at 45¢@50c.

SLUNKS, 25c.

HORSE HIDES are very firm at \$3.10.

SHEEPSKINS.—An active demand, and receipts are quickly absorbed. We quote:

PACKER PELTS, 85c.

COUNTRY PELTS, 45c.

PACKER SHEARLINGS, 65¢@70c.

COUNTRY SHEARLINGS, 20¢@35c.

PACKER LAMBS, 85c.

COUNTRY LAMBS, 25¢@65c.

## KANSAS CITY.

The Trust being evidently determined not to pay the ruling prices for Texas of the last two weeks, neglected the market; and, to be sure, a lower price is established already for Texas; 10½c. is only paid by tanners who are forced to purchase for immediate wants; 10½c. seems to be the idea of tanners who wish to freely operate. If the Trust should

keep out of the market for a continued length of time Texas would again be valued at 10c.—and it is doubtful if this week does not see a block of them purchased at this price, if the Trust is willing to accept. The Trust and other large buyers, however, are very free in taking all branded cows offered at 9½c. They are also willing to pay from 9¼¢@9½c. for Colorados. In regard to natives, they have sold for 11c. and 10c., and some trade papers claim the first break on the market to 11c. was caused by the tanner hypnotizing the hide seller, who had just returned from his vacation, who, not being fully posted as to the merits of native steers, and seeing other grades lower, sold a car of native steers unwittingly at 11c. This pulled the market, however, down on the balance of the packers' ears, and at present writing 11c. is the ruling offering price. One of the large packers seems determined to face in a most bullish manner the stampede of lower prices, and the question is, will he succeed? With a 10c. market for Texas and a 11c. market for native steers the tanners seem more in spirit to take hold of the offerings, though it must be remembered that as yet there are quite a number of tanners who will not even pay 10c. for Texas. If the packers work together, it will not be hard for them to hold native steers to 11c. for the next five weeks to come, as the slaughter of this grade is very light at present, and it is expected to be so. However, present prices for hides are such good ones that all of the packers have not the nerve to stand up against a little decline, as they know from old hides are very slippery articles, and while they may go up in quarters, they generally come down in halves, and 10c. for Texas and 10½c. for native steers is still a very good price. The actions of the Trust are watched very keenly just now by all the packers; and while the packer, more bullish than all else, professes to be indifferent as to their actions, still they are evidently very nervous on the situation. The purchase of 10,000 Texas by the Trust would have a mighty good effect on the market.

SHEEPSKINS are yet in good demand and the large slaughterers have no difficulty in disposing of their offerings at good prices. In fact, the sales at present are made mostly ahead of slaughter, so that the Kansas City market just now is a very poor place for the party hunting "bargains." Lambs at 75c. to 80c., and shearings, as they run, at 70c. is the order of the day.

## BOSTON.

There is little change from last week's conditions. The packer continues anxious, the tanner indifferent and the dollar a highly important factor. The situation is aptly illustrated by that venerable auction house axiom, "No reasonable offer refused." We quote:

BUFF HIDES, 9½c.

NEW ENGLAND HIDES, 9½¢@9¼c.

CALFSKINS are in light supply with firmly maintained prices. The tendency is toward an advance.

SHEEPSKINS continue good sellers at good prices.

## PHILADELPHIA.

The market is not as firm as it was. This is probably owing to the indifference of buyers and the weakening in Chicago. We quote:

CITY STEERS, 9¼¢@10c.

CITY COWS, 9¢@9½c.

COUNTRY STEERS, 9¢@9½c.

COUNTRY COWS, 8½¢@9¼c.

BULLS (all weights), 8c.

CALFSKINS.—Light stock and little doing.

SHEEPSKINS.—Few available and closely sold up. They are quotable at: Wool skins, \$1; lambskins, 65¢@70c.; shearings, 55¢@60c.

## NEW YORK.

Traffic is somewhat improved. More stock has changed hands. The company has made large purchases and the smaller tanners have purchased to some extent. We quote:

No. 1 NATIVE STEERS, 60 lb, have had a very fair sale at 11c. They are now offering at 11½c.

BUTT-BRANDED STEERS have been in light request and are quotable at 10½c.

SIDE-BRANDED STEERS, 9½c.

CITY COWS, 9½c.

NATIVE BULLS, 9c.

CALFSKINS (see page 46).

HORSE HIDES (city's), \$3.25.

## SUMMARY.

The hide situation has again attained a vague, indefinable position that renders intelligent description difficult. While prices are still high, they are lower than they were, despite which the Western packers continue arbitrary. They probably derive their feeling of security from the scarcity of stock and the freedom with which the more important tanners continue to operate. These "big fellows" are in many instances buying ahead, which undeniably augurs well for the preservation or advancement of hide prices. As this condition is exclusively contingent on the material and advanced price sale of their product, it is only natural to assume that they would hold off if they were reasonably sure of the consummation of this hope. The Eastern packers are not, however, "throwing a front," as they are said to be susceptible to offers. It is thought that the hide collars of New York City dealers are fairly well depleted. Some of the brokers have had an excellent week and much stock has changed hands. Many of the glazed kid tanners have contracted for a several months' supply of stock.

## CHICAGO PACKER HIDES.—

No. 1 natives, 60 lb and up, 11¢@11½c.; No. 1 butt-branded, 60 lb and up, 10½c.; Colorado steers, 9½c.; No. 1 Texas steers, 9½¢@10½c.; No. 1 native cows, 10c.; under 55 lb, 10½c.; branded cows, 9½c.; native bulls, 9c.

## CHICAGO COUNTRY HIDES.—

No. 1 buffs, 40 to 60 lb, 9½c.; No. 2, 9c.; No. 1 extremes, 25 to 40 lb, 10½c.; branded steers and cows, 8½c. flat; heavy cows, 60 lb and up, 9½c.; No. 2, 9c.; native bulls, 9c.; calfskins, 13c. for No. 1; No. 2, 11½c.; kips, 12c. for No. 1; 10½c. for No. 2; deacons, 45¢@50c.; slunks, 25c.; horse hides, \$3.10; sheepskins, packer pelts, 85c.; country pelts, 45c.; packer shearings, 65¢@70c.; country shearings, 20¢@35c.; packer lambs, 85c.; country lambs, 25¢@65c.

## BOSTON.—

Buff hides, 9½c.; New England hides, 9½¢@9¼c.

## PHILADELPHIA.—

Country steers, 9¢@9½c.; country cows, 8½¢@9¼c.; country bulls, 8c.

## NEW YORK.—

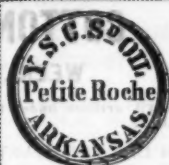
No. 1 native steers, 60 lb and up, 11¢@11½c.; butt-branded steers, 10½c.; side-branded steers, 9½c.; city cows, 9½c.; native bulls, 9c.; calfskins (see page 46); horse hides, \$3.25.

## HIDELETS.

The receipts of hides during the past week were 55,134. The total stock on hand consists of 32,500 hides and kips. Same week last year 60,200 hides and kips.

W. G. Lapham, the Ferry street, New York, hide broker, has returned from his trip to Chicago. He reports the packers as being stiff in their views.

Thomas Keck, the well known tanner and senior member of the firm of Keck, Mosser & Co., sailed from Liverpool for New York City on the Teutonic on the 29th ult.



# The American Cotton Oil Company

Manufacturers and refiners.

**Cotton-Seed Products**  
Oil, Cake, Meal,  
Linters, Ashes, Hulls.

THE AMERICAN COTTON OIL COMPANY,  
46 Cedar Street, New York.  
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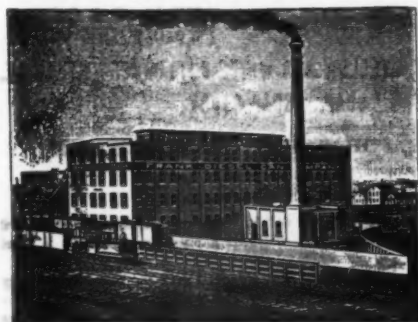


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**PURE KETTLE-RENDERED LEAF LARD**  
21, 23, 25 Faneuil Hall Market, **BOSTON, MASS.** 39 and 40 North Market Street.

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MANUFACTURERS OF  
**Lard Pails and Meat Cans,**  
PLAIN AND DECORATED.  
Tin Cans and Sheet Metal Work of  
all kinds.

STEWART AVENUE,  
Bet. 39th and 40th Streets

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**Hydraulic Presses**  
**PUMPS.**

Over 100 Varieties.

**FILTER PRESSES,**  
**PRESS CLOTHS, VALVES,**  
**GAUGES AND FITTINGS.**

**THE WATSON-STILLMAN CO.,**  
202 EAST 43d STREET,  
Send for Catalogue  
A B. NEW YORK, U. S. A.

**OUR YELLOW BOOK**

**SEE COUPON PAGE 22.**



Fred Vogel, of the Pfister-Vogel Leather Co., is visiting the New York store on Spruce street.

"Rosh Hashona" was observed in the Swamp by the closing of many of its stores last Monday.

Cable advices from Paris state that an advance of 5 per cent. on hides and skins is now general.

Jacob L. Stumpf, the Newark, N. J., tanner, arrived in New York on the Columbia from Europe on the 23d ult.

R. G. Salomon, the Newark, N. J., cordovan tanner, is soon expected from Europe.

A despatch from Washington, D. C., says: A. H. Veeder, the Chicago packers' agent there, has announced to the Treasury Department that he will make a test of the law, which he claims permits the free importation of hides from exported American cattle. The Department has refused to concur in his opinion, so he will protest against the payment of duty on an importation of some lot. That will take the question before the Board of General Appraisers for settlement.

### TALLOW AND STEARINE.

(Continued from page 14.)

curing over  $3\frac{1}{4}$  for anything except fancy, while fair stock has been obtained at  $3\frac{1}{2}$ . There has been a slight increase of the offerings of edible, although the grade is still rather scarce. Small sales have been made at  $4\frac{1}{4}$ , and this seems to be the best trading price. The make of city weekly is about 625 hhd., but this week it is not adding to the surplus. The London auction sale on Wednesday showed dullness at unchanged prices, with, out of 2,200 casks offered, only about one-quarter of it sold. On Thursday the market stood at  $3\frac{1}{2}$  for city, at which 75 hhd., special sold above reported, while it was possible to buy more at  $3\frac{1}{2}$ , but home demands were supplied and exporters quiet. The sales of city, including the resales and the deliveries on contracts, reach for the past ten days just 1,475 hhd.

OLEO STEARINE.—Buyers have succeeded in getting the market a little more in their favor. The statistical position told for some time against their efforts, but it became a question of allowing the little surplus make to accumulate or selling, and the pressers thought the latter the wisest move. The situation of the lard market has been the restraining feature in influencing buyers' views over the stearine. It has meant easier prices for compound lard and more hesitation among buyers of the product, and the lard refiners have felt more like bidding their time over stearine. At the same time, just now the stocks in Philadelphia, Boston and Pittsburg are small, and are not coming in marked competition here, while one presser here is sold up to Oct. 10, and two other large pressers have not more than 125,000 pounds that they could furnish on orders for essentially prompt deliveries. Buyers, however, with the adverse conditions alluded to, stood upon a  $5\frac{1}{4}$  basis, while the pressers were seeking a fraction more money. On Tuesday 50,000 pounds city were obtained at  $5\frac{1}{4}$ . But the West is making more of an accommodation, by reason of the dull condition of demands latterly under the attitude of the lard trade to have the stearine conform more to the modified views over lard, and it has become impossible to sell there at  $5\frac{1}{2}$ , at which price there are offers to place supplies. The fact that oleo oil is keeping up very well in price on the Rotterdam markets tends to keep the pressers busy in productions, and, while marketing their oil promptly, are as well willing to let the stearine go, when, after temporary contentions with buyers, they find that they must either sell with modified views or accumulate on an insistence of old figures.

It would not take much of a change in the lard market to throw the article again in sellers' favor. On Wednesday there was nothing further done, with  $5\frac{1}{4}$  quoted here and  $5\frac{1}{2}$  at Chicago.

There had been a sale of 100,000 lb in Chicago at  $5\frac{1}{2}$ . On Thursday there were no further offers to sell here at  $5\frac{1}{4}$ , or in Chicago at  $5\frac{1}{2}$ , but bidding was quiet, and those figures would probably have been the trading prices.

GREASES.—Holding continues for a more open market, which is not regarded as possible at once, or until either fats take a firmer position. The out-of-town people send word, "if you cannot get a (named) price for our supplies we will hold;" there is believed to be a good deal of miscellaneous stock back in the country awaiting some change in recent tame features. There are accumulations making in a general way, although the supplies are by no means large since deliveries are taking place on contracts to some extent, while packing house greases had been to some little extent sold ahead. However, buyers views over prices are easy compared with late rates, while the indifference over selling makes them in a good degree nominal. There has been a reduction of about  $\frac{1}{2}$  per lb the past week, with nominal prices now  $3\frac{1}{4}$  for A white;  $3\frac{1}{2}$  B white;  $2\frac{1}{4}$  @  $2\frac{1}{2}$  for yellow, while at Chicago A white quoted at  $3\frac{1}{2}$ , B white at  $3\frac{1}{4}$ , yellow at  $2\frac{1}{2}$ , and brown at  $2\frac{1}{4}$ .

LARD STEARINE.—The production here is kept for the most part close to actual wants, but if outside lots come upon the market they are naturally yielding to the views of buyers, which are somewhat easier this week, in view of the want of stability to the lard market. There is practically unimportant export demand after the closing out of

(Continued on page 22.)

## COTTONSEED OIL.

### WEEKLY REVIEW.

All articles under this head are quoted by the gallon.

DULL AND EASY MARKET.—LITTLE EXPORT DEMAND.

The unexpected development of a larger supply of seed at an earlier date than had been regarded as probable, together with the recent complications of lower lard, tallow and other fats generally, with the incidental pressure of supplies from the South from the fear of the yellow fever spreading to some other sections, are bringing about conditions that may have something to do with the extent of the near make. In other words, where through the period of high prices by comparison for oil, there was the prospect of eagerness in getting supplies of seed to giving an early large make of oil, there is now the pressure on the part of the mills to get prices of seed materially lower, while there is the natural unwillingness on the part of planters to modify views, whereby the make of oil is not being carried on as vigorously as had been looked for. But the market for the oil will undoubtedly be in healthier condition by starting on lower figures than had been calculated upon by the trade if nothing more comes from it than the restraining of some of the excited views that had been held by the mills over seed in their anxiety to get supplies on the recent firm position of the oil market. Up to the moment the mills all around have not been able to get the planters down to the inside figures that they have in many cases settled upon as a safe or profitable basis for them with the immediate outlook for oil, and

R. H. FERGUSON, President. E. C. WAGGENER, Treasurer. J. J. CAFFEY, Secretary.

# KENTUCKY REFINING CO.

LOUISVILLE, KY., U. S. A.

Refiners of All Grades of

## COTTONSEED OIL.

"ECLIPSE" BUTTER OIL.

SUMMER { White  $1\frac{1}{8}$  Oil.  
Yellow C/S Oil.

"SNOWFLAKE" PRIME SUMMER WHITE.

WINTER PRESSED { White C/S Oil.  
Yellow C/S Oil.

SUMMER AND WINTER WHITE "MINERS" OIL.

YELLOW AND WHITE COTTONSEED STEARINE.

CRUDE C/S OIL. "RED STAR" SOAP. SOAP STOCK.

TANK CARS FURNISHED FREE FOR SALES OR PURCHASERS.

### SPECIALTIES:

"SNOWFLAKE" PRIME SUMMER WHITE. This oil is prepared especially for Lard Compounders; is sweet and wholesome, being bleached without a particle of acid. A trial means you will use no other.

"ECLIPSE" BUTTER OIL. A strictly choice Vegetable Oil, selected and prepared especially for Butter Manufacturers; equalled by none other for quality and uniformity.

"DELMONICO" COTTON OIL. This brand of Cooking Oil needs no introduction; speaks for itself, and for Culinary Purposes is synonymous with finest.

"NONPAREIL" SALAD OIL. A strictly Winter Pressed Oil, prepared expressly for Druggists, Culinary and Salad Purposes; guaranteed to remain bright and limpid at  $22^{\circ}$  Fahr.

KENTUCKY REFINING CO.'S "WINTER PRESSED OILS. Guaranteed pure and to remain bright and limpid at  $22^{\circ}$  Fahr. The very best made for any climate.

Quotations furnished upon application.

KENTUCKY REFINING CO.,

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Cable Address: "REFINERY," LOUISVILLE.

## INVENTIVE GENIUS.

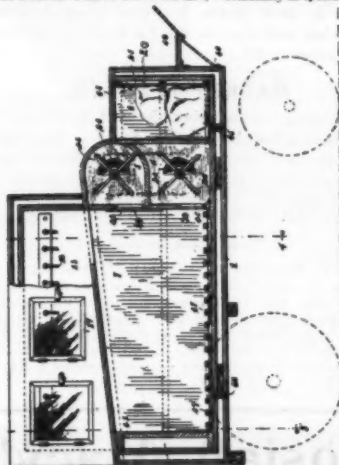
Patents, Trademarks, Etc., Granted in Washington up to September 28.

590,891. REFRIGERATOR WAGON. HENRY J. KELLY, Carnegie, Pa. Filed Apr. 7, 1896. Serial No. 586,508. (No model.)

Claim.—1. A refrigerator-wagon, comprising a body portion having a meat-chamber, meat-chests supported on top of the body portion, doors for openings in the inner front of said meat-chests, upper and lower air-chambers forward of the meat-chamber and communicating therewith, and an ice-chest forward of the air-chambers and communicating therewith and also having air-passages communicating with air-passages at the sides of the meat-chamber, substantially as specified.

2. A refrigerator-wagon, comprising a body portion having an ice-chest and rotary fans, a hand-wheel secured to one of the wheels of the wagon, a pulley mounted on a shaft supported on the body portion and adapted to rotate with said shaft but to move longitudinally thereof, a band connection between the hand-wheel on the wagon-wheel and said pulley, another pulley on said shaft, a pulley on the extended shaft of one of the fans, a band connection between said last two named pulleys, and a band connection between the two fans, substantially as specified.

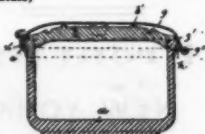
3. A refrigerator-wagon, comprising a meat-chamber, an ice-chest located in the front portion of the wagon-body, air-chambers also located in the front portion of the wagon-body, air-circulating fans in said air-chambers, pulleys mounted on a shaft supported by the body portion of the wagon and operated by a hand connection with a hand-wheel on one of the wheels of the wagon, means for allowing a vertical movement of said pulleys relatively to the hand-wheel, and a connection between one of said pulleys and the pulley on the extended shaft of one of the fans, substantially as specified.



4. A refrigerator-wagon, comprising a body-portion open at its top and having a meat-chamber, the outer walls of which are spaced from the sides of the wagon-body, a lining for said chamber spaced from the outer wall of the chamber to form air-passages, a lattice in the rear portion of the chamber having an air-space rearward of it communicating with said air-passages, an ice-chest, circulating-fans for forcing air through the meat-chamber and through the air-passages, strips secured longitudinally on the upper side of the body portion, meat-chests secured on said strips at opposite sides of the body portion and having a space between them and door-closed openings, a cover for the opening in the top of the meat-chamber, and means for imparting rotary motion to the fans, substantially as specified.

5. A refrigerator-wagon having a body portion provided with a provision-chest located at one end of the body portion, an ice-chest located at the opposite end of the body portion, an air-chamber interposed between the ice-chest and provision-chest, the said chest and chamber running entirely across the body portion, and the air-chamber being in communication with the ice and provision chests, a fan located in the air-chamber and forcing the air from the ice-chest through the air-chamber and into the provision-chest, two auxiliary provision-chests, the bottoms of which open into the top of the main provision-chest, the auxiliary chests being superposed on the main chest and having a space between them, and doors at the inner sides of the auxiliary chests, the doors opening into the space between said chests, substantially as described.

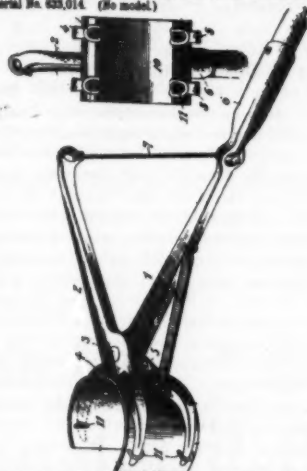
590,898. JAR FOR PRESERVING BUTTER OR OTHER ARTICLES. JAMES J. CARTER, Newark, N. J. Filed May 6, 1896. Serial No. 586,597. (No model.)



Claim.—1. The combination with the jar having the flange *a*, and a cover, of a band *c*, and a tongue loosely attached at one end to said band, at one side of the jar, and at its opposite end having a tongue adapted to enter beneath the said flange, said tongue being free to slide in either direction on said flange to or from holding relation to the cover of the jar, substantially as set forth.

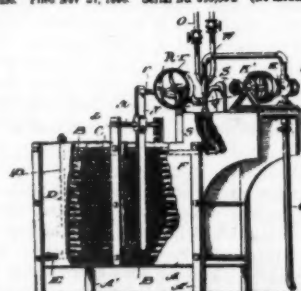
2. The combination with the jar having the flange *a*, and a cover for closing said jar, of a band having ears to receive the band and tongue, a ball and a tongue loosely pivoted at one end in one of said ears and adapted to extend across the cover to hold the same in place and at its opposite end being bent or turned on itself to enter beneath the flange, the bent end being free of attachment and adapted to slide in either direction from holding relation to said flange, substantially as set forth.

590,747. HUB-CATCHER. WASHINGTON & TIDLER, Clerks, Ind. assignors of one-half to H. C. Tidler, same place. Filed Apr. 20, 1897. Serial No. 623,014. (No model.)



Claim.—In a device of the class described, the combination of a pair of bars or members pivoted together and provided with jaws adapted for engaging the leg of an animal, said jaws being forked or bifurcated, a flexible shield arranged within and forming a lining for the jaws and provided at its ends with exteriorly-arranged eyes or loops detachably receiving the prongs, whereby the shield is removably mounted on the jaws, said shield being adapted to reduce the size of the opening between the jaws to adapt the latter for engaging smaller animals, and means for holding the jaws normally open and for operating them, substantially as described.

590,718. COOLING APPARATUS. JAMES T. BENTLEY, Circleville, Ohio. Filed Nov. 27, 1896. Serial No. 613,594. (No model.)



Claim.—1. An apparatus for cooling liquids, consisting of a receptacle, coil of pipe contained therein, netting contained about the inner circumference of the coil and a reciprocating agitator working in the space within the coil, means for operating the same, substantially as shown and described.

2. In a cooling apparatus, the combination with the cooling-receptacle, coil of pipe located therein, the agitator *N*, mounted on a shaft *M*, a pitman connected to the upper end of the said agitator, and a crank-shaft for operating the said pitman, substantially as shown and described.

3. In a cooling apparatus, the combination with the cooling-receptacle, coil of pipe located therein, standards *L*, secured to the outside of the casing, shaft *M* mounted in the upper ends of the said standards, agitator *N* journaled on the said shaft *M*, with its free end extended down to nearly the bottom of the space within the cooling-receptacle, the pitman *R* connected to the upper end of the agitator, means for operating the same, of the supply-pipes and pumps leading to the coil and the outlet-pipes connected to the lower end of the coil, substantially as shown and described.

590,748.—Crusher. Milton F. Williams and Edward H. Frickey, St. Louis, Mo., assignors by direct and mesne assignments to the Williams Patent Crusher and Pulverizer Company, same place. Filed Dec. 23, 1896. Serial No. 616,721. (No model.) Claim.—1. A crusher comprising a casing having a hopper-opening, a rotary shaft and hammer supports thereon, hammers pivotally mounted in said supports, an adjustable dead-plate inclined downward toward the hammers in their acting position to draw the material in, and with its inner edge directly adjacent to the path of the hammers, and a concave cage co-acting with said dead-plate to crush said material.

\* At a meeting of the Beacon Association No. 30, held in Boston, Sept. 13, a unanimous vote of thanks was tendered to the J. P. Squire Company for the royal way in which they entertained the association and its friends on the evening of Aug. 23.

## THE LATEST

# Inventions, Patents, Designs, Trade-Marks,

OF INTEREST TO

Butchers, Packers, Renderers,  
Soap, Oil and Fertilizer  
Manufacturers,

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Subscription Price for the U. S. \$4 per annum  
Foreign Countries, \$5.00 per annum.

NO FREE LIST.

## BUSINESS ANNOUNCEMENTS AND OPPORTUNITIES.

The Messrs. Kingan & Co., of Indianapolis, issue a circular on "Pigs' Feet and Tripe," which are now seasonable.

With "prices reasonable" and "quality unsurpassable," so the circular goes, they hope to do a large business in this staple. They offer choice selection, short cut, all forefeet and well cooked. Full price list on application.\*\*\*

Nelson Morris & Co., of Chicago, have also issued their price list on fresh and pickled tripe and offer special prices for carload shipments.\*\*\*

The Chief Commissary at Governor's Island advertises in this issue for proposals for supplies, as does also the Long Island State Hospital.\*\*\*

On page 45 will be found the advertisement of a gentleman who is desirous of securing a position as salesman or office man with a large Western packing house. The gentleman's qualifications for the position are many and are set forth in the advertisement.\*\*\*

## INCREASED APPROPRIATION NEEDED.

Washington, Sept. 29.—Secretary Wilson, of the Agricultural Department, will in his annual report ask Congress to make a material increase in the appropriation for the Bureau of Animal Industry. The Secretary says the facilities of the Bureau of Animal Industry for the inspection of meat intended for foreign shipment are overtaxed, and that the experiment already made by the Bureau in the shipment of butter to England should be followed up by more work in this line. He claims that the shipments already made have produced excellent results, as shown by the fact that a representative of English firms has recently been in Iowa, buying up all the available butter supply for export.



not the accumulations of seed to count upon a steady full output of oil in the near future. The prices now insisted upon by the mills for the seed are substantially upon a basis where they can look for more vigorous competition among the planters themselves for the offerings for fertilizing purposes, while it will be used more extensively. But the mills have a little advantage this year over the two previous seasons in the fact that the supplies of seed will be more abundant; therefore, they will probably at length be able to execute their contracts for deliveries of the product without having its prices against them, substantially, although possibly they will not be as liberally supplied as they had counted upon in the near future. There is, however, more oil offered to the Eastern and Western markets than needed on the present conditions of trade, and the market is hanging to dull and rather depressed surroundings, notwithstanding the impression that had been held by the trade that the recent decline had brought about a situation to prompt export markets taking hold freely. New oil is offered by telegraph from almost every direction upon the New York market, and there appears to be about a dozen sellers to one buyer. While the yellow fever news is improved, yet there is more or less fear of its extending, to taking in sections which thus far have had nothing worse to contend with than quarantine laws. With the abatement of yellow fever the quarantines now in force would likely be continued a sufficient time to interfere somewhat with normal conditions of business in some sections, while transportation facilities are at present materially affected, and deliveries, especially to the seaboard, are being made with a good deal of difficulty. There is a fair quantity of oil on offer here from Georgia and Alabama for near deliveries in part, as under an apprehension that the yellow fever may spread, and that it is well to get supplies of the property forward to marketable points against possible delays in moving it, and as well with a view of getting a little cash. Texas also continues offering considerable oil here for deliveries within a fortnight with about 2,000 bbls. due here early next week. The yellow fever trouble is also making hard the deliveries of meal, which product would be taken up freely; while supplies upon extensive contracts that had been made with exporters are not going forward as promptly as had been expected. Sales have been made in Texas at \$21 per long ton.

With the surroundings in weak features, there is missed in the export interest, particularly the attitude of France over negotiating for supplies. That country had been the most important factor in strengthening conditions here at times through last season and the previous year, and its indifference at present is to be regretted. The fact that that country is not buying materially, despite the comparatively easy figure here, is regarded as indicating that it is not as yet alarmed over any talk that has been going on over retaliatory measures for the Dingley bill. If France had now the least idea that our extra duty was to be levied upon cotton oil, it would be a pronounced buyer upon this market without delay. The disposition of that country seems to be to throw aside any other

feature but the one of waiting for a fully settled market here and larger supplies for prompt offerings; while it is drawing upon its bulk. Stocks steady and depending to some extent upon the enlarging make of England, with the prospects of increased outputs for the season in the latter country. But as further concerning the possibility of a higher duty upon cotton oil in France, there are people here with the belief that when the Chamber of Deputies meets, some time in October, that there will come before it a proposition to increase the duties there upon several articles, and which will cover cotton oil; and although that a measure of that nature would take some weeks probably to give a definite idea of its being defeated or becoming a law, that immediately, with its standing prominently before the Chamber that demand would start up here for oil vigorously. Other Continental markets are not manifesting much desire to take hold. Italy is particularly out of the market, and Germany is doing little. However, there is more or less of the oil steadily going out to the export markets, and as representing old purchasing and through shipments, while there is no question but that all foreign markets will more extensively take supplies through the season than last year.

The decline on tallow and the general drift of the markets for fats indicates the sentiment of buyers over taking supplies of fats at present in excess of actual wants; while the longer the weakness continues the more indifferent become buyers, and which exercises added effect. It is a peculiarity of foreign buyers to avoid a weak market, since they have been unfortunate in the past in the method of averaging up on higher cost goods, and when sentiment is out of the position it takes a long time for it to recover a normal tone. The local lard refiners, as well as those at the West have found their manufactured goods under rather less attention, although they are having a very fair business, considering the diminished interest over buying other commodities; at the same time they have had to yield a little in prices, and this has made them more conservative over buying cotton oil, even though its prices are lower and the prospects of the early make of oil less encouraging as to its extent than looked for about a week since. The soap trade is not as yet attracted to cotton oil by its weaker prices. The mills have more generally accepted the depressed situation and have modified their views considerably since the beginning of the previous week. The bidding then was rarely over 16 for crude in bulk from this market, while this week that price has been accepted for 6 or 7 tanks along the coast. The position of the market is now for crude in bulk at the mills 16 bid and occasional sales of small lots at that and 16½ to 17 asked. The West has picked up 7 or 8 tanks in Texas at 17, and even 17½ while at the close it has put its bidding price down to 16½. There is a steady business in Texas, with Mexico at the modified figures. On Wednesday there was a belief that in the dullness that if 24½ had been offered here for prime yellow in small lots that were on the dock that it would have been accepted, as there was an indisposition to store them, while some Southern points had given orders to sell

at the best obtainable price. But in a general way the market was then 25c. asked for prime yellow, with offers to sell good off yellow at 24½, while white oil was at 28 (some lots held higher), and better oil at 27½ to 29. With even a moderate stir to trading the market would hardly settle under 25 for prime yellow, but if the current inaction is protracted there are opinions here that it may possibly be a 24 market very soon, even though the prospect is that the productions for a few days at least will be less than anticipated. A turn to permanent strength in the lard market would help the oil situation, but this does not appear to be among the probabilities for a few days, whatever the hopes may be of an improved situation of

(Continued on page 22.)

#### NOTICE.

With the commencement of the cotton oil season we would call the attention of the trade to our directory of cotton oil manufacturers and practical treatise on the manufacture of the product. The prospectus of the work is fully given in another column, and every oil mill should have a copy of the same. The price is \$3.

#### MARKET REPORTS.

Brokers, commission houses and packers publishing regular market reports, desiring to send same to us for personal and quotation, if valuable, will please mail same regularly to the Exchange Editor of THE NATIONAL PROVISIONER, 284-286 Pearl street, New York.

P. T. Barnum once said: "If you have \$10 to put to good use, put \$1 for the article and the other \$9 for advertising. I can out-talk any man but a printer. The man that can stick type and the next morning talk to a thousand people while I am talking to one is the man I am afraid of and I want to be his friend."

## Josiah Macy's Sons,

Receivers of

# COTTONSEED OIL

CRUDE AND REFINED.

191 Front Street  
NEW YORK.

## GLOBE REFINING CO.

REFINERS OF  
COTTON OIL.

CABLE ADDRESS,  
"GLOBE, LOUISVILLE."

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## Prime Summer White

FOR LARD COMPOUNDING.

Quality Guaranteed. All Other Grades of Cotton Oil.

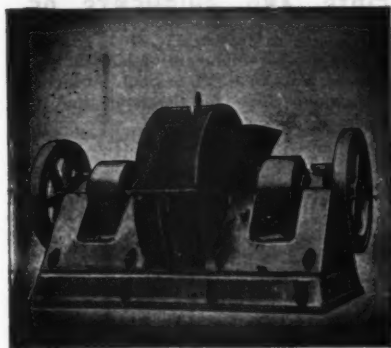
DIAMOND FULLING AND SCOURING SOAP.

Obtain our Prices before buying

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CLEMENS G. HEWITT, Sec. and Treas.





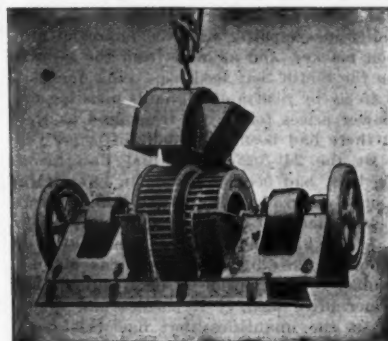
## "Stedman's Disintegrators" ARE THE BEST

Are used by nearly every large packing house and fertilizer establishment in the United States. References:

Armour & Co., Chicago and Kansas City.  
Swift & Co., Chicago, Kansas City and East St. Louis.  
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Write for Catalogue and full Descriptive Matter.

We manufacture machinery for equipping complete fertilizer plants, consisting of Disintegrators, Bone Breakers, Mixing Pans, Screening Elevators, Engines, Boilers, Shafting, Pulleys, etc.



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## The Blanchard Disintegrator

IS THE ONLY UP TO DATE MACHINE.

It is the result of scientific design, backed up by careful tests and long experience. It is not everybody that can build a Disintegrator that will give satisfaction under severe conditions and hard service. To accomplish this result

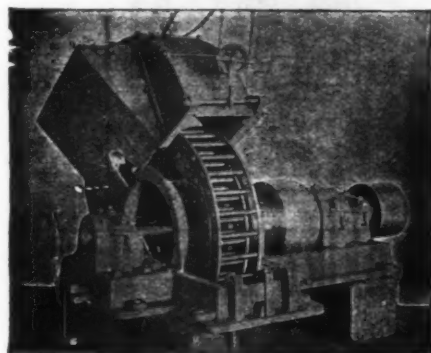
THE CONSTRUCTION MUST BE OF THE VERY HIGHEST GRADE.

The Blanchard Disintegrator will grind Bone, Glue, Tankage, Soap Powder, Caustic, Salt, Chemicals, Sticky and Resinous material, and in fact any brittle or soft material.

Write for catalogue giving full information regarding your material.

BLANCHARD MACHINE CO., 308 Congress St., BOSTON, MASS.

ESTABLISHED 1861.



## The ORIGINAL HOLMES & BLANCHARD CO.'S Improved Disintegrators.

THESE MILLS WILL GRIND RAW AND STEAMED BONES, TANKAGE, CHEMICALS, GLUE AND OTHER HARD MATERIALS.

We manufacture all machinery for equipping Fertilizer Plants complete, including Mixers, Elevators and Screens of every description, Automatic Cars, etc. Experienced Engineers furnished to lay out work. Blue prints furnished and estimates given.

PRICES TO SUIT THE TIMES.

HOLMES & BLANCHARD CO.

37 Charlestown Street, Boston, Mass., U. S. A.

Be sure and write us for Prices and Catalogue before placing orders.

THE LEADING HOUSE.

# H. WM. DOPP & SON,

MANUFACTURERS OF

## SOAP MAKERS' and BUTCHERS' MACHINERY,

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STEAM JACKETED KETTLE

ONLY HIGH GRADE GOODS AND ABSOLUTELY THE BEST.

Seamless Steam Jacketed Cast-Iron Kettles, with and without Agitators,

Improved Lard Dryer, Mixer and Cooler,

Steam Jacketed Vacuum Pans, etc.

Full Line of Soap Makers' Machinery.

DESCRIPTIVE CIRCULAR AND CATALOGUE ON APPLICATION

while most of them are running they have the provision market generally, after the deliveries have taken place on contracts with the close of the month at Chicago.

On Tuesday the tone was perhaps a trifle steadier in sympathy with the improved provision market, and as well from the reports from the South that seed was being obtained less freely by reason of the mills insisting upon lower prices for it. It transpired as well that there had been more done in prime yellow at the  $24\frac{1}{2}$ @25 price, and that about 1,500 bbls. had been taken up in lots; while 600 bbls. off grade were at  $24\frac{1}{2}$ @25, with at the close there  $24\frac{1}{2}$ @25 quoted for prime yellow. Of white oil there had been sales of 300 bbls at 28@29. The West was bidding the mills,  $16\frac{1}{2}$  for crude in bulk, but finding a firmer price held. Exporters had taken most of the quantities that had been sold here of prime yellow, but they are not interested as yet in large lots.

(For Later Report see Page 42.)

### TALLOW AND STEARINE.

(Continued from page 18.)

one or two orders which covered about 75,000 lb, while the lard refiners have most of their wants protected by either their own makes, or contract deliveries. Sales have been made of city at 5.85@5.90, but it is doubtful if more than 5.75 could at the close be had, while Western is offered at that price. A sale of 100 tcs. had been made in Chicago at  $5\frac{1}{2}$ . There is not much offering from the West, but more on account of the feeling that little could be marketed here just now, since it is well understood that there is a fair supply there. Grease stearines are dragging much as other articles in the line of fats and the market will not become settled until more normal conditions prevail. The prices are nominally just now  $3\frac{3}{4}$ @ $3\frac{1}{2}$  for yellow and  $3\frac{1}{4}$  for white.

**LARD OIL.**—Is suffering in the opinion of buyers over prices in view of the duller outside conditions, but at the same time the pressers say that the recent figures are cheap enough with the cost of lard and the price that can be had for the stearine, and some of them sit down on their makes rather than release them upon a modified basis outside of the quantities that they find a market in regular distributing channels. Western is on offer at 38; and city ranges from 40 to 42, but there less of the Western pressed for sale than through last week, although at the same time there is less demand, since dealers who do a distributing business managed to lay in fair supplies a few days since.

**CORN OIL.**—There is some irregularity to the market. A slack export demand for a few days and the general position of outside fat markets leads to a little inclination to coax bids and some uncertainty over a decided price. The offerings from the West are a little more urgent in the effort to market some accumulations. Sales have been made at 3.15 per 100 lb, although here and there a lower nominal price is quoted, while small lots run up to 3.25. At the close there was reported a little more inquiry from exporters.

**OLEO OILS.**—The Rotterdam market was not quite so snappy over taking up the latest arrivals out, yet as the week wears out the supplies there are steadily passing into hands of consumers. The butterine make continues large, and its makers are inclined to absorb the best brands of the oil rather promptly, although they are perhaps a little restrained at the prices by the tamer developments over the general provision list in this country. But no radical decline is looked for since the wants of consumers there are likely to run liberal for some little time, while no marked accumulation is among the probabilities. On

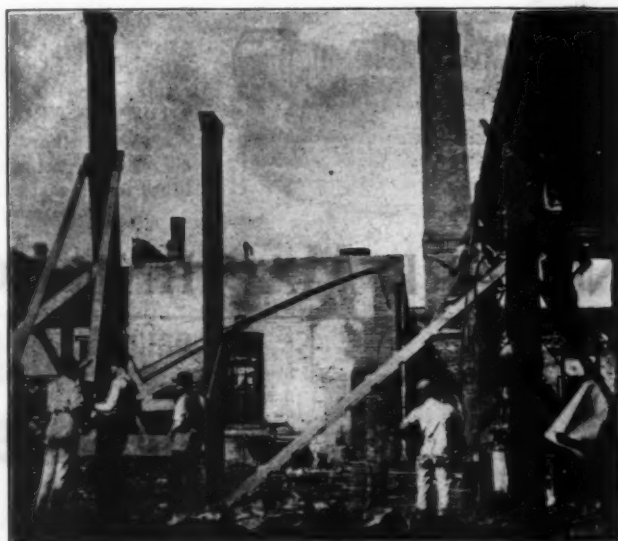
Monday the Rotterdam market was quoted at 47 florins. On Tuesday there were sales reported of 1,100 tcs. at 47 florins for best brands. On Wednesday there was a steady market quoted at 47 florins.

On Thursday the market was quiet and so far as known here at 47 florins. In New York No. 1 was quoted at  $8\frac{1}{4}$ .

(For Later Report See Page 42.)

### PERRIN & CO.'S FIRE.

The accompanying illustration depicts the condition of affairs at the plant of William R. Perrin & Co., the well known manufacturers of packing house machinery, of Chicago, after the recent fire, which was told of in last week's issue of "The National Provisioner." The conflagration occurred on Sept. 16 and on Sept. 23, as already reported, the plant of the Messrs. Perrin & Co. was again in operation, which is an indication of the energy and bustling capabilities of this firm. They were thus able to get out their orders with little delay, and are to be congratulated on not suffering more serious inconvenience. Their loss, happily, as was stated in this paper, was fully covered by insurance.\*\*\*



PLANT OF WM. R. PERRIN & CO. AFTER THE FIRE.

### RECEIPTS AND SHIPMENTS OF HOGS.

The receipts and shipments of hogs in the cities named from Sept. 24 to Sept. 30 inclusive, with comparisons for the same time in 1896, were as follows:

#### Receipts.

	1897.	1896.
Cincinnati .....	14,049	19,449
East Liberty .....	18,000	14,900
Indianapolis .....	14,700	24,300
Peoria .....	5,100	5,500
Milwaukee .....	11,082	10,676

#### Shipments.

	1897.	1896.
Cincinnati .....	5,865	5,210
East Liberty .....	15,100	13,280
Indianapolis .....	3,000	3,655
Peoria .....	2,290	
Milwaukee .....		

See Table of Contents, page 9, in this issue, indicating location of Kansas City Live Stock Review, which shows receipts of hogs in Chicago, Kansas City, Omaha and St. Louis.

James A. Farrington, meat market, South Norwalk, Conn., is out of business.



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## THE SCHÖNLAND AUTOMATIC CASING APPLIER.

**WEIGHT, 20 lbs.**

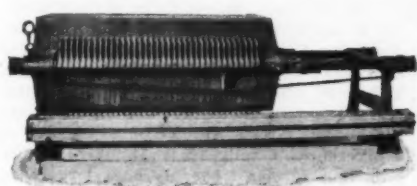
Sausage manufacturers have for a long time been looking for a machine to run the casings on to the tubes of stuffers. Here we have it, and it will do the work as well as it can be done by hand and in very much less time, thereby saving labor and time, as with this machine one man can stuff as many sheep or hog casings as three or four men can link, besides doing away with the most tiresome work there is in stuffing sausage.

The machine takes practically no power to run, only a 1/4-inch round belt, the same as a sewing machine, and uses no more power than a sewing machine. It does not need an extra operator, as the machine can be used by either one or two men on steam, power or hand stuffers and is never in the way, because when the machine has put on a casing it immediately rises up by itself 8 inches and stays there until needed again. It will run on about 100 feet of sheep or hog casings in about 7 seconds and will handle tender casings just as delicately as the hands of the workman. Two lined wheels go with each machine, but it is only necessary to have one of them on the machine, even when two men are working it; so there is always one wheel in reserve.

A glance at the cut opposite shows the machine at work and after it has put on a casing.

Manufactured by . . . .

**WM. F. SCHÖNLAND,**  
10-14 Walker Street, MANCHESTER, N. H., U. S. A.



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**FILTER  
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**WANT AND FOR SALE ADS CAN  
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## TECHNICAL. THE PACKING HOUSE.

### FOURTH SERIES.

Included in the series of articles on *The Packing House*, the following subjects have been exhaustively treated on the dates indicated:

- Dec. 26, 1896.—"The Manufacture of Sausage Casings and Packing Same."  
Jan. 2, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 2.  
" 9, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 3.  
—"About Beef Extract."  
" 16, 1897.—"On Cutting Meats (Pork)."  
" 23, 1897.—"The Necessity of Cleanliness in the Handling of Perishable Products."  
—"American Swine."  
" 30, 1897.—"American Swine." No. 2.  
Feb. 6, 1897.—"The Preparation of Blood Albumen."  
—"American Swine." No. 3.  
" 13, 1897.—"Proper Ventilation in Packing Houses."  
" 20, 1897.—"Proper Ventilation in Packing Houses." No. 2.  
" 27, 1897.—"Proper Ventilation in Packing Houses." No. 3.  
March 6, 1897.—"Proper Ventilation in Packing Houses." No. 4.  
" 13, 1897.—"Proper Ventilation in Packing Houses." No. 5.  
" 20, 1897.—"Proper Ventilation in Packing Houses." No. 6.  
" 27, 1897.—"Steer and Heifer Beef."  
April 3, 1897.—"Steer and Heifer Beef." No. 2.  
" 10, 1897.—"Manufacture of Oleo Oil."  
" 17, 1897.—"Manufacture of Oleo Oil." No. 2.  
" 24, 1897.—"Steer and Heifer Beef." No. 3.  
—"Manufacture of Oleo Oil." No. 3.  
—"Expert Beef Trade." No. 3.  
May 1, 1897.—"Manufacture of Oleo Oil." No. 4.  
" 8, 1897.—"The Scouring of Wool."  
—"Manufacture of Oleo Oil." No. 5.  
" 15, 1897.—"Beef Compounds."  
" 22, 1897.—"The Scouring of Wool." No. 2.  
" 29, 1897.—"Steer and Heifer Beef." No. 4.  
June 5, 1897.—"Steer and Heifer Beef." No. 5.  
" 12, 1897.—"Steer and Heifer Beef." No. 6.  
" 19, 1897.—"The Process of Thawing Frozen Meats."  
" 26, 1897.—"Steer and Heifer Beef." No. 7.  
—"Manufacture of Lard and Allied Products."  
July 10, 1897.—"Early Lamb Raising."  
" 17, 1897.—"We Were Here Chefs."  
" 24, 1897.—"The Smithfield Ham."  
" 31, 1897.—"The Curing of Meats."  
August 7, 1897.—"The Curing of Meats." (Concluded.)  
" 21, 1897.—"Slaughtering of Sheep."  
" 28, 1897.—"Slaughtering of Sheep." (Concluded.)  
Sept. 4, 1897.—"Sources of Nitrogenous Fertilizers."  
" 11, 1897.—"Identification of Oils and Fats."  
—"Preserved Meats."  
" 19, 1897.—"Detection of Horse Flesh."  
—"Estimation of Starch in Sausage."  
" 25, 1897.—"Extraction of Oils and Fats."

### ALFALFA FOR HOG RAISING.

Mr. R. E. Van Huss, of Finney County, Kan., speaking of alfalfa for hog raising, says: I believe the hog industry here can be made one of the most profitable we have, if properly managed, and will give my experience. I came here seven years ago, bringing with me three small pigs. I sold two of these, and kept the other. The first pig I ever sold of my own raising here I traded for one bushel of alfalfa seed, which at that time was valued at \$7 per bushel, hogs being about the same price per 100 lb. I sowed the alfalfa seed in the spring, and in the spring a year later I fenced one acre hog tight and turned in ten head of hogs. They did very well on this one acre. The next year I pastured between thirty and forty hogs

on this one acre. The result, as you readily can see, was that the hogs did not have very good grazing that season. The next spring I increased my pasture to five acres and turned in sixty hogs, big and little. I also pastured my work horses and milch cows on the same piece of alfalfa, and the result was as before—rather close picking. The subsequent spring I increased the alfalfa pasture to twenty acres; I was out of luck for some time after that in not having hogs enough to eat it off. During a very dry season, I pastured sixty hogs, fifteen horses and three milch cows. I am of the opinion that hogs will do better on alfalfa when it is nearly ready for making hay. The very young plants seem too washy. Hogs, however, seem to eat it with more avidity when young and tender.

My experience with hogs and alfalfa covers a period of five years, during which time the price of hogs varied much, but I am safe in saying that my cash receipts will average \$300 per year for the time stated. Some years it would not reach that amount, but in other years it was considerably more. I shipped a pig, raised on alfalfa and fed corn eight weeks, that tipped the scales at 600 lb. I have fattened out several bunches of hogs and made good profit, but I do not think this the most profitable way for southwestern Kansas farmers. I think the most money for us will be to sell stock hogs at six months old. These we can raise on alfalfa without any grain whatever, and can therefore produce them ready for the cattle-feeders in the corn districts east of us, cheaper than they can be produced even in the corn districts. One or two farmers may not be able to do this, but if all our alfalfa farmers, or a large number of them, will give up part of their acreage to raising stock hogs, cattle-feeders will soon come right to our doors and buy them.

We can also take our brood sows through the winters cheaper than eastern farmers can, for the reason that we can almost winter them on alfalfa hay and sorghum. Much has been said about the profit of the alfalfa seed crop. I have been in both the alfalfa seed and the hog business, and, if I had to give up either, I would say, let the feed business go, and give me the hogs for profit-making.

### SAUSAGE RECIPES.

#### PRESSED SAUSAGE.

Use pork moderately fat. Cut up to about pea-size from shoulder or trimmings. Let stand several days mixed with salt, saltpeter and cane sugar. After this use nice, salted boiled snouts, ears and neck lard, altogether 40 lb; salted boiled pig tongues, 12 lb. All these meats are to be cut up into dice of about one-half walnut size; cleaned, soft-boiled pig skins, chopped to about corn-size, 20 lb; (can also be replaced by nicely chopped calf's feet). As all these meats, except the skins, are salted, it is impossible to state the exact amount of salt required, which has to be regulated according to taste. The whole is now thoroughly kneaded with two gallons of very strong broth. Then spice as follows: 7 oz. white ground pepper, 2 1-10 oz. mace finely rubbed, 2% oz. powdered coriander, 1 1/4 oz. of shallots rubbed up with salt, also a

little finely chopped lemon peel is added. Add the mixed spice to the mass, keeping it constantly worked, and fill loosely into hog stomachs, bladders, beef guts, etc., and scald at 208° F.; stomachs and bladders to be cooked 1 1/2 to 1 3/4 hours, according to thickness; beef guts 1 to 1 1/4 hour. Air has to be removed by careful pricking. The sausage when boiled is frequently turned to have it cool quicker and prevent the broth from getting at one side only; also weigh down a little.

If intended for local use it is sold fresh; if shipped, it should be put into cold smoke. It is eaten cold with vinegar or oil, or with caper sauce. If not cooked sufficiently, it is liable when slicing to break.

### BACON vs. LARD HOGS.

The circular sent out by T. M. Sinclair & Co., the packers, of Cedar Rapids, Ia., is strongly indorsed by the trade, and is in line with the views of this journal on this subject, which have often been given in these columns. The circular is as follows:

"Packers for export trade are encouraging farmers to pay more attention to this demand by widening the difference in values of the two grades. Heavy, coarse hogs do not make the quality of bacon and ham that consumers now insist upon having, and for which they are willing to pay. Our Canadian friends, realizing this fact, have for some years been breeding and feeding for export trade, and have found that they have not only closely approximated the choice quality of English, Irish and Continental products, on the one hand, but that the cost of growing is not excessive on the other. On Friday, Aug. 6, the Canadian market for bacon hogs ruled at \$5.80 to \$5.85 with sales as high as \$6, and the bacon was sold at relative prices in foreign markets. On the same day Chicago quotations were \$3.85 to \$3.92 1/2, or a difference of fully \$2 per hundred. The Canadian farmer feeds his hogs largely on peas and roots, including potatoes and grass. It may be possible that the American farmer can make as much money out of corn-fed hogs at \$4 in Chicago as the Canadian makes out of his \$6 hogs in Canada; though that may be accounted for by the difference in scale of operation, size of herds, etc. But the fact remains that our people ought to raise more choice hogs in response to the demand, else they will see a large and profitable trade diverted to Canada and other countries. This is not the day when the American farmer, any more than the manufacturer, can profitably force unsuitable product upon the consumer. The latter will pay for what he wants and not for what he does not want. The attention of those interested is invited to this matter, with the suggestion that stock hogs be selected, and future herds be fed to produce bacon instead of lard hogs. We are surprised to note the wide difference between the price of bacon hogs and the Chicago prices.

"We presume, however, the fact is as stated, for this company stands too high in the confidence of the public generally to make a statement that is not fully sustained by the market reports. We are just now in a rather peculiar situa-

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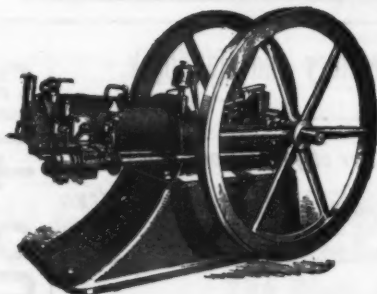
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We want a first-class agent, one familiar with the packing, provision and bacon-curing trades preferred, who will work on commission, introducing this journal in the above city with the view of building up a branch house or agency for Denmark. A weekly market letter to this paper might be included in the arrangement. Address THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

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WANT AND FOR SALE ADS can be found on PAGE 45.



## TECHNICAL.

tion with reference to bacon hogs. The farmer does not grow them to any very great extent, for two reasons. One is that he has not sufficiently studied the difference between the bacon hog and the lard hog, nor the best means of producing the former. The main reason, however, is that packers have heretofore not given the price that would justify the production of the bacon hog. We have told our readers for years that if the packer would give the proper difference in prices farmers could speedily produce the bacon hog. The packers justify themselves in their course by the statement that farmers do not produce enough to justify them in paying the difference in value that really exists. They will make a difference of perhaps 15 or 20 cents in a few hogs and might make as high as 40 or 50 cents in a carload, whereas if there were fifty carloads coming into Chicago every day and packers knew that they would be on hand when wanted they would be justified in giving a much higher figure. They must not expect farmers to furnish the hogs unless they are sure of a market. It is in the power of the packers to make a market, and if they will offer 50 or 60 cents premium all the year round for bacon hogs, they will get them, and plenty of them. There must be co-operation between the farmers and the packers. The packer is one and the farmers are many, and it is the place of the one to make the start in securing his co-operation rather than the place of the many. Until this is done the farmers will go on producing the kind of hogs that pay them best, which, at the present difference in prices, is the lard hog. To produce the bacon hog longer time must be taken, the feed must be of more nitrogenous kinds, and hence more expensive, and to secure any great supply of bacon hogs in the near future there should be a more or less change in the breeds and types. We have held all along that a change of feed or an artificial environment would produce the bacon hog from any of the breeds used at present for lard purposes, but the type will be changed quickly by the introduction of the blood used in England, Ireland and Denmark. These hogs, such as the Tamworth and Yorkshire, are not pleasant to look upon in the eyes of the Iowa farmer. The nose of the Tamworth is fearfully and wonderfully long, and that of the Yorkshire is fearfully and wonderfully turned up. These hogs have too much resemblance to the unimproved hog of twenty years ago to commend themselves to the favor of Iowa farmers, unless there is a money commendation ahead. Let the packers furnish this in the shape of a premium on the bacon hog, and in the course of two or three years they will get them in great plenty. In this, as in everything else, money talks. With the farmer, in the end, pretty is that pretty does, but until he can see some more money in it, he is likely to hold on to his good looking lard hog."

\* Two cargoes of cattle, comprising 1,500 head, were shipped from Galveston to Havana last week, and it is expected that more and larger shipments will soon follow. Cuba is looking to the United States for her cattle, as those on the island have been slaughtered as a result of the present insurrection. Cattle have been shipped to the island from South America for some time past, and the United States has not, until recently, been able to compete, but the superior quality of the Texas cattle has apparently offset the difference in price, for orders are being placed in this country to a considerable extent already, with every prospect of a rapid increase.

## ANSWERS TO CORRESPONDENTS.

We gladly and as promptly as possible answer all reasonable questions in this column sent to us by our SUBSCRIBERS or ADVERTISERS.

Answers desired by mail should be accompanied by a stamped, addressed envelope.

Persons desiring not to be known as making an inquiry should add a *nom de plume* to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

R. B. N., UTICA.—The seed of the cotton plant, after ginning to remove the fiber, passes through a mill which hulls or decorticates it. The hulled seed is ground and the oil expressed. The ground cake from the presses is used as a cattle food and fertilizer. The hulls are burned for fuel in the oil factory and the ashes, which contain from 20 to 30 per cent. of potash, are also used as a fertilizer. Sometimes, however, hulls and seed are ground together, making undecorticated meal, which contains considerably less nitrogen and has correspondingly less money value as a fertilizer or as a feed. When the meal has undergone heating or fermentation, its color changes from a deep yellow to brown or reddish brown. It is then unfit for cattle food and is sold at a cheaper rate as a fertilizer.

E. B. C., OHIO.—The name tankage is properly applied only to the sediment remaining in tanks where meat scrap with some bone is rendered to separate the fat. After boiling or superheating with steam, the fat rises to the surface of the water and is removed, the soup is run off, and the settlings at the bottom are dried and sold as tankage. Such material contains as large or larger percentage of nitrogen than of phosphoric acid. But the name tankage is also loosely applied to mixtures that consist largely of bone and do not differ greatly in composition from pure bone. (2) In answer to this query, we would advise you to make haste slowly in the matter.

W. B., NEW YORK.—Soaps are not generally used in the manufacture of paper; in some superfine makes, perfectly neutral tallow or coconut soaps are sometimes used in connection with animal sizing; the soap generally used by paper makers is a rosin soap which the mill prepares itself. Alum is generally used to make it combine with the fiber in form of an alum soap.

OLEO, KANSAS.—Oleo stearine is very often met with as an adulterant of cocoa butter. While an adulterant of more than 12 or 15 per cent. may often be detected by an experienced eye and by a trained sense of smell, yet even with such large percentages this test is fallacious, as old samples, especially when exposed for a long time, will acquire just that same grayish appearance and the same tallowy flavor that would otherwise indicate the presence of stearine. Common tallow has been successfully used as an adulterant, and is, perhaps, oftener met with than stearine, in this article.

## SOAP MAKING.

No. 63.

### MANUFACTURE OF MOTTLED SOAPS. (Continuation of last week's article.)

The first operation, empatage, has for its object the commencement of the saponification of the fat matters with the alkaline lye. The fat employed for the mottled soaps is composed of a mixture of two olive oils with palm oil, sesamum oil, and ground nut oil. In this mixture the two last predominate. At Marseilles this first boiling is always done in cauldrons of masonry. Droux notes regarding this, that in spite of their high price and their rapid deterioration they realize the two most essential conditions for satisfactory work. In the first place, they have a very marked influence on the whiteness of the soap, which in iron kettles is colored more or less by the oxide which the boiling oils extract from the metal, and in the second place, the cauldrons are made of a material that is a bad conductor of heat, and they keep for a long time after they are heated a certain elevation of temperature which in the making of liquid white soap is eminently favorable to the complete separation of the fat by maintaining the paste in sufficient fluidity during its purification.

This same advantage gives them also a marked superiority over metal boilers in drying the batches, which is done after the fire had been allowed to go out. Those considerations have determined the Marseilles manufacturers, in spite of several inconveniences, to use these cauldrons exclusively.

When the boiling is once done, all the rest of the operation can be gone through almost without risks on condition that if a little of the lye has separated it sinks to the bottom of the cauldron, and as this is the only part which receives the action of the heat the temperature must not exceed that of the boil-

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REFRIGERATING PLANTS INSTALLED.

## TECHNICAL.

ing lye. In this manner this lye acts as a water bath, and it is this water bath which regulates the temperature of the boiling, whereas if the cauldron is entirely of metal, and if the flame circulates freely round the exterior sides it happens that wherever there is an absence of moisture nothing can stop the temperature from rising and decomposition from taking place. The shortcomings of these cauldrons of masonry are first of all that they take too much fuel because of the very small surface that receives the action of the heat in relation to the great mass which it is necessary to heat. (This will not apply if they are heated by internal steam coils, as they usually are.) Secondly, the masonry, however well it may be constructed, always allows the liquid to penetrate. This does not matter as long as the boilers are kept in work but if work be stopped a part of the moisture escapes, the air penetrates, the alkalies become carbonates, and the saline molecules endeavor to take a symmetrical arrangement, and this tendency to crystallization determines a sort of tumefaction which attacks the cement and the bricks fall out. Experience shows that if the cauldrons are not worked they are very quickly destroyed.

These boilers are cylindrical, and ordinarily have a capacity of from 1 to 200 hectolitres (a hectolitre is rather more than 22 gallons). Their sides are formed of a double layer of cemented bricks bound by large bands of iron and protected exteriorly by materials that are bad conductors of heat. They are built into the ground in such a manner that they do not rise more than about a yard above the level of the soil. They can be heated either by the open fire or by steam. In the first case the bottom is of soft cast iron; in the second, it is of masonry like the lateral sides. Heating by steam is gradually taking the place of heating over the open fire. It allows several cauldrons to be heated from the same furnace, which effects considerable economy of money, time and labor, and makes the management of the boilers much less onerous. Moreover, it reduces the duration of the operations and gives a very constant temperature, which assures the regularity of evaporation. It does away with the sudden flare-ups that burn the soap paste. The steam circulates in an iron serpentine, which is wound flat on the bottom of the boiler. Each cauldron communicates by a pipe known as the *épine*, which opens a little above the bottom over a vat underneath it, which receives the spent lyes. The pump raises these into reservoirs, where they are cooled before being returned into the barriqueux.

To proceed with the empatage of mottled soaps, the very caustic soda lye at 10° B. is turned into boiler, brought to the boil little by little, the mixture of oils is poured in, keeping a constant stirring with a rake. Bubbles quickly form, which increase in size, and a slight whitish froth floats on the surface of the liquor. The fire is then slackened a little to prevent this from boiling over. After several hours of boiling, the soapy mass thickens. It is sprinkled from time to time with very strong soda lye at 15° B., and stirring is kept up until the soap is entirely homogeneous. When the mass becomes a reddish color the mottling is commenced, and this is done by sprinkling the paste with a warm solution of ferro-sulphate. Under the action of this salt and of the sulphides which the lye contains soaps of alumina and of iron are formed, and the mass becomes greenish gray and then black.

Instead of stopping the boiling after the coloration of the paste, Moride advises the addition of a little more lye at 23° to 25° B., more stirring, and a further boiling for some time, then allowing the contents of the boiler to settle for at least a dozen hours. To produce the pale blue mottling it is sufficient to use 1-10 per cent. of ferro-sulphate; to get a bright blue mottling two kilos of the same salt, with the addition of 16 hectogrammes of rouge are used for each thousand kilos of the oil. These are steeped in warm water before adding. It is to this latter coloring matter that is due the *manteau rouge* (red cape) that is noticed on the surface of cakes of soap which have remained for some time exposed to the air. The soap, then, according to Roux, has the following composition:

Fatty matters .....	51.15
Combined soda .....	3.50
Various salts .....	0.18
Organic matters .....	0.17
Water .....	46.
	100.00

(To be Continued.)

### WONDERS OF THE WORLD'S WASTE.

William George Jordan contributes an article in the October number of the *Ladies' Home Journal* on the subject, "Wonders of the World's Waste." While a great many of the facts brought out have been printed in "The National Provisioner," and are already known to the trade, there are some things in the article which are new and make very interesting reading. Under the caption, "Evolved from Garbage," it is stated that:

The garbage of a great city is worth a fortune every year, if properly utilized. In St. Louis, Mo., the refuse is placed in enormous vertical cylinders, surrounded by steam jackets, which evaporate the 75 to 80 per cent. of water in the garbage. The fatty substances are dissolved and as the result of a number of processes a fertilizer is produced which is worth from \$9 to \$12 per ton, the demand exceeding the supply. One of the purest and best soaps of the country was made of garbage grease before cottonseed oil entered the field. It is now proposed to light London by electricity for nothing. It now costs that city \$1.08 (4s. 8d.) to get rid of a ton of garbage. A combination of boilers and other apparatus has been devised that can burn the garbage at 24 cents (one shilling) per ton, and generate steam sufficient to run enough dynamos to light the entire city. London can thus save 3s. 8d. on each ton, and, in addition, illuminate its city without cost.

In speaking of "What Science does with the Ox," Mr. Jordan says: Not many years

ago when an ox was slaughtered 40 per cent. of the animal was wasted; at the present time "nothing is lost but its dying breath." As but one-third of the weight of the animal consists of products that can be eaten, the question of utilizing the waste is a serious one. The blood is used in refining sugar and in sizing paper, or manufactured into door-knobs and buttons. The hide goes to the tanner; horns and hoofs are transformed into combs and buttons; thigh bones, worth \$80 per ton, are cut into handles for clothes-brushes; fore-leg bones sell for \$30 per ton for collar buttons, parasol handles and jewelry; the water in which bones are boiled is reduced to glue; the dust from sawing the bones is food for cattle and poultry; the smallest bones are made into boneblack. Each foot yields a quarter of a pint of neatfoot oil; the tail goes to the "soup," while the brush of hair at the end of the tail is sold to the mattress maker. The choicer parts of the fat make the basis of butterine; the intestines are used for sausage casings or bought by gold beaters. The undigested food in the stomach, which formerly cost the packers of Chicago \$30,000 a year to remove and destroy, is now made into paper. These are but a few of the products of abattoirs. All scraps unfit for any other use find welcome in the glue pot, or they do missionary work for farmers by acting as fertilizers.

Seven Million Dollars in Fish Waste.—In this country our fisheries are worth about \$45,000,000 a year. The fish refuse is so economically and ingeniously utilized in the preparation of oils, glues, fertilizers, etc., that these conquests of waste realize about one-seventh, or 14 per cent., of the total income from the fisheries.

Cottonseed Waste's Value and Uses.—Cottonseed waste, which a generation ago accumulated at the gin houses, filled up the streams, rotted in the fields, and became an irritating nuisance, is now worth about thirty million dollars a year. Every bale of cotton leaves a legacy of half a ton of seed, which, it is said, brings the planter nearly as much as his cotton. The oil is used for finer grades of soap, as a substitute for lard, and is so near olive oil that an expert can hardly detect the difference. The hulls are fed to cattle, make an excellent fuel, are valuable as paper stock, and when burned the ashes make a fertilizer which is most efficacious. It has recently been discovered that cottonseed oil, with the addition of 18 per cent. of crude India-rubber, make an imitation which cannot be distinguished from genuine rubber.

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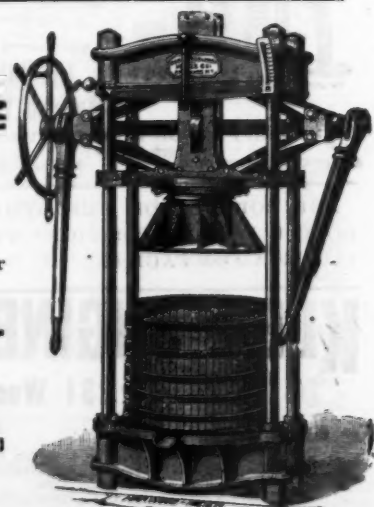
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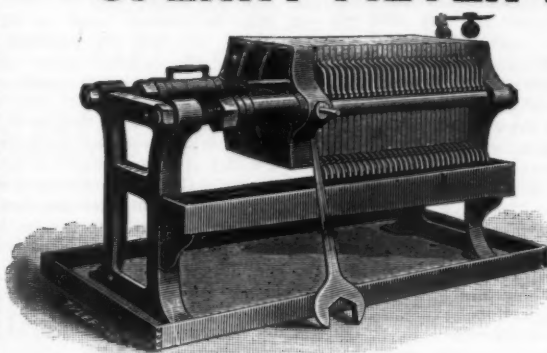
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Respectfully submitted,  
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F. B. THURBER, President,  
143 Chambers Street, New York.  
Correspondence solicited.\*\*\*

### KANSAS CITY LIVE STOCK REVIEW.

The records for the past week show cattle  
and sheep prices fairly steady with hog prices  
rather erratic. Receipts with comparisons  
past week as follows:

	Cattle.	Hogs.	Sheep.
Kansas City .....	53,708	53,311	33,382
Same week, 1896..	41,290	42,121	32,228
Chicago .....	53,100	146,300	92,400
Omaha .....	31,200	32,200	12,200
St. Louis .....	18,700	26,000	12,300
Kansas City .....	53,700	53,300	33,400

Total ..... 156,700 257,800 150,300

Previous week ....	140,700	210,100	140,600
Same week, 1896..	124,100	232,700	150,000
Same week, 1895..	157,100	182,500	131,500

#### Kansas City Packers' Slaughter:

Armour Pkg. Co....	9,376	14,468	5,188
Swift & Co.....	9,769	16,136	4,433
S. S. & Co.....	5,591	2,650	1,867
J. Dold Pkg. Co....	1,045	6,577	377
Fowler, Son & Co..	196	5,426	....

Total ..... 25,085 45,268 12,100

**CATTLE.**—It is with a little start of surprise  
that Chicago reads last week's receipts of  
Kansas City, being about 700 head of cattle  
larger than her own, but Chicago can just as  
well bow to the inevitable, and in twelve  
months from now it will be an exceedingly  
common weekly thing. Old Bishop Berkley,  
one hundred years ago, said westward the  
start of cattle takes its way, and the old  
gentleman has proven to be quite a prophet.  
During the past week fully one-half the re-  
ceipts received in Kansas City were nothing  
more or less than cattle only fit for the feed  
lots. Take the 22,000 that were returned im-  
mediately to the country and the 6,000 feed-  
ers remaining in the speculators' hands, this  
shows that fully one-half the receipts were  
not fit for slaughter. One bunch of finely  
finished animals of 1,474 lb average sold at  
\$5.30. Another bunch of 1,418 lb sold at  
\$5.25. Several bunches of 1,425 and 1,440 lb  
average sold at \$5.20. Other lots sold at  
\$5.10. And anything of a well finished na-  
ture had not to go below \$4.90 for a pur-  
chaser. The export men were free purchas-  
ers of all they could lay their hands on and  
sent forward to the seaboard 119 cars against  
70 for the previous week, against 100 for the  
same week of 1896. Native cows and heifers  
as usual were in small supply, found ready

purchasers, and even good Western cows re-  
ceived good attention. Some 39 fancy heif-  
ers of 1,194 lb average sold at \$4.40; some  
sold at \$4.25, and some averaging 560 sold  
at \$4. Cows of 1,190 lb average went at  
\$3.75; some 1,040 lb average at \$3.40. The  
supply, to be sure, not equal to the demand.  
Good finished Western cattle were sold at  
\$4.70; a bunch of 1,291 lb Western steers sold  
at \$4.75. A bunch of 1,286 lb average sold  
at \$4.25. While quite a string of grass-fed  
steers of 1,073 lb average sold at \$3.75, an-  
other bunch of 1,107 lb average sold at \$3.85.  
Western cows of 1,136 lb so. at \$3.35; some  
of 870 lb average at \$3.05. Western steers of  
1,292 lb average, \$3.75. Kansas fed Texas  
of 1,054 lb average sold at \$3.70. A bunch  
of 1,098 lb average \$4.10. Kansas fed Texas  
cows of 1,140 lb average sold at \$3.10. Some  
bulls of 805 lb average, \$2.70. Some West-  
ern heifers of 730 lb average sold at \$3.60.  
Colorado steers of 1,265 lb average sold at  
\$4.20. New Mexican steers of 868 lb aver-  
age at \$3.05. Some Louisiana cows of 946  
lb average sold at \$2.50. The regular run of  
Texas steers in fair supply. Among other  
sales a bunch of 300 of 1,003 lb average,  
\$3.60; 262 of 978 lb average, \$3.50; 396 of  
958 lb average, sold at \$3.40; 212 of 815, at  
\$3.15; 239 of 751 lb average, \$3.12½; 285 of  
841 lb average, \$3.07½. A bunch of cows of  
817 lb average sold at \$3.20. Some 932 lb  
average sold at \$3.00, and a bunch of  
234 of 697 lb average sold at \$2.67½.  
Texas heifers of 550 lb average sold  
at \$2.75. Of the feeders trade all na-  
tive stock showing a good quality met  
with ready purchasers during the past week,  
and very little remained in the yards of a  
fair order against Saturday at noon; quite a  
bunch of country operators expected that the  
speculators would then show a sign of weak-  
ness, and they then could get the cattle at  
reasonable figures, but though the cattle are  
thin and of no peculiar description as to qual-  
ity, the speculators were firm in their ideas  
and would not sell. During the past week  
729 cars of feeders were returned to the coun-  
try, against 543 cars one week ago, and 595  
cars corresponding week 1896. Cudahy, of  
Omaha purchased on this market last week  
for shipment to be recounted in the Omaha  
receipts 1,324 head of cattle. Eastman  
shipped 785, Kraus 400, Swift 877, United  
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**HOGS.**—The hog market started out in the first of the week in rather a debonair manner at the exceedingly good price of \$4.25 for tops and \$4.10 for the bulk. On Tuesday, however, while a few tops sold at \$4.25, there was a weakness along the line and the bulk went at \$3.95 to \$4.10. On Wednesday the general provision markets and the three large hog markets showed a demoralizing effect so that tops sold at \$4.10; the bulk \$3.90 to \$4.00. Mixed packing ranged from \$3.85 to \$3.90. Heavies went at \$3.80 to \$3.90. Thursday even worse when the tops went at \$4.05; the bulk at \$3.85 to \$3.95. On Thursday, however, a rally in prices and the tops went at \$4.10; the bulk at \$3.90 to \$4. But a weakening on Saturday and at noon saw the best prices for tops \$4.10; for the bulk \$3.87 to \$4. Light hogs ranging from \$3.80 to \$4. The heavies ranging from \$3.85 to \$3.90; with mixed packing at \$3.87 to \$3.95, and a seeming depression to be effected with the opening of next week as a large quantity of hogs expected in the four leading markets. On the whole, the quality of the hogs was good. To be sure, some coarse, heavy and Southern hogs suffered in prices. Hogs shipped during the past week 7,461 head, against 3,692 hogs shipped on previous week. The destination as follows: Chicago, 16 cars; Milwaukee, 7; Ottumwa, 7; Newark, Baltimore, Buffalo and Cedar Rapids, 3; New York City, 2, and Paterson, 1 car.

A large promotion of the receipts of sheep for the past week was received by Swift from their various feeding fields. Also a large bunch of sheep driven here to be dipped and sent forward to the country feeder; there was therefore a pretty strong competition among the packers here for what quantity of sheep left to sell on the market. The large share of the receipts being from Utah, and 1,000 Utah lambs of 55 lb average were sold at \$4.75, which is the highest price paid for such grade of lambs for many a day. Quite a number of Utah sheep changed hands; some 3,100 sold at \$3.60; 1,010 of 112 lb average sold at \$3.70; 1,124 Utah feeders of 97 lb average sold at \$3.10. Some Colorado ewes of 78 lb average sold at \$3.50. Some New Mexican ewes of 78 lb average sold at \$3.85. Native lambs were few in number, and what was offered found ready sale; some 76 lb average at \$5.10; 85 lb average at \$5; 78 lb average at \$5.35. Report comes that last week some 30,000 sheep changed hands in New Mexico, and reports from Utah are that fully three-fourths of a million sheep, now on hoof coming forward to the feed lots of Kansas, supposed to be owned by one of the large packers. The feeling of the sheep market among the owners is very strong and higher prices may be expected all along the line.



## BIRD PAPER MFG. CO.'S

CELEBRATED COMPOUND

### INSULATING PAPER

For lining Cold Storage and Ice Houses, Refrigerators and Refrigerator Cars.

WATERPROOF, ACID PROOF, ALKALI PROOF.  
AIR-TIGHT, ODORLESS, TASTELESS.

BIRD PAPER MFG. Co.

98 MAIDEN LANE, NEW YORK.

### PACKING HOUSE MATTERS AND NOTES OF GENERAL INTEREST.

*Persons contemplating the erection of packing houses or the use of packing house machinery will do well to make their plans known in this column. The foreword items in the lines mentioned closely review the news on this page, and prospective purchasers of changes would be placed in immediate communication with the writer.*

\* A judgment for \$14 in favor of Ruddy Bros., the stock yards (Chicago) slaughterers, was rendered last week against Dr. Devoe, of the Bureau of Animal Industry. The suit was brought to recover the value of a condemned steer slaughtered by a city health officer by Dr. Devoe's order. The object of the suit was to determine the right of owners of condemned animals to have them slaughtered at their own slaughter houses, under inspection, that they may use the product, comprising hides, tallow and tankage, which, in the case of the steer in dispute, is alleged to have been worth \$14. Ruddy Bros. bought this animal from a firm in the stock yards as condemned, and asked Dr. Devoe to be allowed to have it killed at their own slaughter house under inspection. This was refused. Ruddy Bros. tried to replevin the animal, but it was killed before the papers could be served and the carcass turned over to a rendering company. Then suit in trover was commenced. At the hearing the allegation was made that condemned cattle have been sent to certain designated slaughter houses and the product confiscated to the loss of the owners. The object of the suit was to determine the right of the latter to claim the product.

\* As was intimated in these columns last week, the decision of Judge Foster, declaring the Kansas City Live Stock Exchange a trust and its existence a violation of the law, will be appealed to the U. S. Supreme Court. The general sentiment among the Exchange members is that the decision is unwarranted, unjust and unwise; that if higher courts sustain it, it will greatly hurt Kansas City and the shipping interests of the West.

\* Assistant Attorney General Boyd said in Washington that "this office had no present intention of prosecuting the Chicago Live Stock Exchange. But," he added, "at the same time, if a regular complaint from a reputable citizen should be made charging that the Exchange was being conducted in defiance of the anti-trust law, we would direct the District Attorney to investigate and bring suit if he thought there was any chance of success." Continuing, Assistant Attorney Boyd said: "There is no intention of entering on a crusade against these or similar institutions."

\* Mr. Charles A. Mallory, of Mallory, Son & Zimmermann Co., Chicago, who is one of the best-informed men in the business, commenting on Judge Foster's decision, said in part: "If my information regarding the Kansas City Exchange and the litigation which resulted in the hostile decision is correct, I don't believe the Chicago Exchange or any like institution need fear any disturbance or dissolution." Mr. Mallory then stated, in substance, that the rules and by-laws of the Chicago Ex-

(Continued on page 36.)

## TINNOL, a Paste that Sticks.

NO PEELING OFF.  
NO RUST SPOTS ON TIN.  
NO DISCOLORING OF LABELS.

WRITE FOR SAMPLE AND PRICES TO

THE ARABOL MANUFACTURING CO.,  
11 GOLD STREET, NEW YORK.

## ALL CURED MEATS, SAUSAGES AND BOILED MEATS

## ROLL PARCHMENT PAPER

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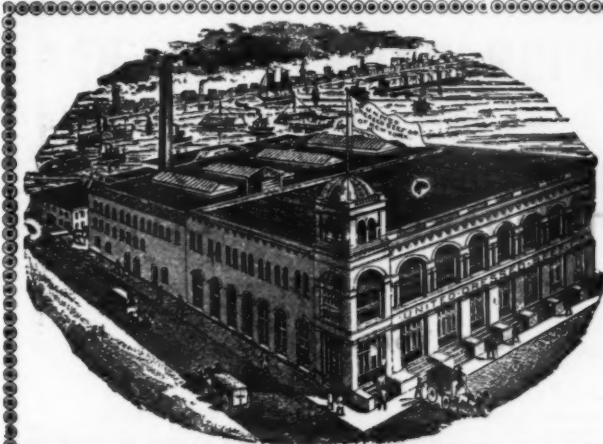
WE MANUFACTURE ALL THE PAPER WE SELL.

Paterson Parchment Paper Co.

OFFICE AND WORKS, PASSAIC, N. J.

Should be wrapped in a sheet of Printed Parchment Paper. Leading packers are using our Parchment Paper for wrapping their meats extensively.





## The United Dressed Beef Company

Salesroom Telephone  
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OF NEW YORK,

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### CITY DRESSED BEEF.

PACKERS AND EXPORTERS OF INDIA MEAT AND ALL SALT BEEF

MANUFACTURERS OF

Beef Casings, Dried Blood, Fertilizers, Oleo Oils, Stearine, Prime City Tallow, Ground Bone, Horns and Cattle Switches, Selected Hides.

HIGHEST PRICES PAID FOR SHOP FAT AND KIDNEY SUET.

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## SWIFT'S..... CHICAGO DRESSED Beef, Mutton, Lamb, Veal, Pork

AND A FULL LINE OF **SWIFT'S FINE PROVISIONS**

Can be had at our branch houses in  
New York, Brooklyn and Jersey City.

### BRANCH HOUSES:

#### NEW YORK.

G. F. & E. C. Swift, 105 Barclay st.  
Gansevoort Beef Co., 22 and 24 10th ave.  
Washington Market Sheep Co., W. Washington Market.  
Swift Provision Co., Cor. 13th st. and 10th ave.  
G. F. Swift & Co., Manhattan Market (W. 35th st.).  
Swift Sheep & Prov'n Co., 11th ave., 34th and 35th sts.

G. F. and E. C. SWIFT,

Proprietors.

General Offices,

105 Barclay St., N.Y.

#### BROOKLYN.

Swift Brothers, 182 and 184 Fort Greene place.  
Fort Greene Sheep Co., 172 Fort Greene place.  
Swift Brothers, Wallabout Market.

#### JERSEY CITY.

Swift and Company, Ninth Street Market, 138 9th st. Swift and Company, Wayne Street Market.

Cable Address: "ESSBF, N.Y."

Telephone: No. 436, JERSEY.

## Jersey City Packing Company,

BEEF AND PORK PACKERS. CURERS AND EXPORTERS OF AND DEALERS IN FINE PROVISIONS. REFINERS OF LARD.

Manufacturers of "White Star" Brand of Lard. "Eagle" Brand of Hams and Breakfast Bacon. "Peerless" Brand Sausages.

BEEF AND PORK PACKED SPECIALLY FOR ALL CLIMATES.

Salesrooms and Packing Houses: 138-154 9th St., JERSEY CITY, N.J.

## NORTH PACKING and PROVISION CO.

PACKERS AND JOBBERS OF  
PROVISIONS

Highest Award, Diploma and Medal, at World's Fair, for Pure Lard, Hams, Bacon, Bbl. Pork, Neutral Lard, Sausages.

**PURE LEAF LARD,** 3, 5, 10-LB. PAIL TUBS,  
TIERCES.

Try their North Star Brand for something extra choice. Sure to please.

33 & 34 N. MARKET STREET, BOSTON.  
444, 446 & 448 PRODUCE EXCHANGE, N. Y. CITY.  
PACKING HOUSE, - SOMERVILLE, MASS.

**William Ottmann & Co.,**

PROVISIONS,  
POULTRY  
AND GAME,

BUTCHERS, PACKERS AND EXPORTERS,

FULTON MARKET

NEW YORK.

**G. & D. ISAACS,**

Abattoir and Salesroom:  
240, 242, 244, 246, 248  
Hudson Ave.,  
BROOKLYN, N. Y.

**WHOLESALE  
BUTCHERS**

MANUFACTURERS OF

DUESSET BRAND EXTRA OLEO OIL, Stearine, etc.

**John P. Squire & Sons'**

HAMS AND BACON

ARE THE FINEST IN THE WORLD.

Telephone

282 Franklin.

Their process of preparing and curing gives that delicate flavor and beautiful color for which they are noted, and adapts them to any climate or season of the year.

OUR KETTLE RENDERED LEAF LARD CANNOT BE EXCELLED.

... 20 Harrison Street, New York.

**HALSTEAD & CO.,**

Packers and Provision Dealers.

200 FORTSTH ST., NEW YORK.

Registered Cable Address "Roomfull," New York

See Coupon on Page 26.

**WANT AND FOR SALE ADS, can be found on PAGE 45.**

## ICE AND REFRIGERATION.

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our **WANT AND FOR SALE COLUMN** on page 45.

Persons in need of an Ice Machine or Refrigerating Appliances should make their wants known to us. Their publication in this column which is perused by the leading ice machine manufacturers in the country would bring scores of replies.

—The National Ice Company, of Cleveland, Ohio, has been incorporated with a capital of \$50,000, by A. C. Bishop, A. A. Dorn, Otto K. Dorn, Chas. A. Baier, A. F. Baier, R. A. Blood and Clarence A. Blood.

—The Des Moines (Iowa) Capital, speaking of the State Fair and the exhibits thereat, said: "The grandest exhibit on the fair grounds was in the dairy hall. A. H. Barber & Co., of Chicago, had a practical exhibit of their refrigerating machine, which, however, can be run by any kind of power, operating. The principle is ammonia compressure and the cooling rooms can be made 10° below zero. It is an almost indispensable to a first-class hotel, butcher shop, creamery or cold storage house." \*\*\*

—The Michigan Barrel Company in Grand Rapids will enlarge its business to take in a plant which has for its object the manufacture of refrigerators. The plant will be instituted by Charles P. Coffin.

—Titusville (N. Y.) is to have a cold storage plant. It will be erected by the Titusville Industrial Association, and conducted by Messrs. Wager & Pastorius.

—Lawler, Cavanagh & Co. will erect a cold storage plant in Troy, N. Y.

—The Rensselaerville Co-operative Creamery Co., of Rensselaerville, Albany County, N. Y., has been incorporated with a capital stock of \$4,500. The directors are Nathaniel Leed, Dewey Bell, Eugene Swart, Thomas R. Chadwick and Henry Stewart, of Rensselaerville.

This Space Reserved for

**THE STANDARD PAINT CO.,**

81-83 John Street,

New York.

—The Empire Hygienic Ice Company, of Brooklyn, N. Y., has been incorporated to manufacture ice and maintain cold storage houses, with a capital stock of \$30,000. The following gentlemen are the directors: Albert H. Ackerman, Isaac H. Curtis, Francis L. Manchester, C. Frank Coyler and Cyrus V. Washburn, of Brooklyn.

—The Fred W. Wolf Co., of Chicago, is very busy and has numerous orders ahead and a fine outlook for business. This company has recently closed contracts with the following parties: Wilmington Brewing Co., Wilmington, N. C., 15-ton refrigerating machine; A. Booth Packing Co., Omaha, Neb., two 18-ton refrigerating machines with direct expansion piping for cold storage house; Stuhlfauth Bros., Marathon, Wis., 15-ton refrigerating machine with direct expansion piping; Henderson Brewing Co., Henderson, Ky., 50-ton refrigerating machine with direct expansion piping for new brewery; Puritan Brewery,

Boston, Mass., 50-ton refrigerating machine with direct expansion piping for new brewery, complete; North Judson Brewing Co., North Judson, Ind., 15-ton refrigerating machine; Augusta Brewing Co., new atmospheric condensers; First New York Beet Sugar Co., five mechanical filters.\*\*\*

—Columbia (S. C.) capitalists will erect a 30-ton ice factory in Spartanburg. Captain Hallett is quoted as having given the information.

—The erection of an ice machine next summer is contemplated by Shaw & Coffroth, of Velasco, Tex.

## NEW YORK PRODUCE EXCHANGE NOTES.

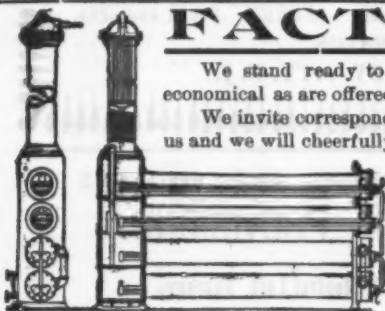
The annual report of the Exchange from July 1, 1896, to July 1, 1897, has been issued. As usual, it contains much information, statistical and otherwise, of interest to the trades.

## FACTS.

All Ice Manufacturers know that there are inferior Ice and Refrigerating Machines built.

We stand ready to challenge any builders to show that our machines are as efficient and economical as are offered in the market.

We invite correspondence. Should any contemplative purchasers wish any information, write us and we will cheerfully give it our prompt attention and send illustrated catalogue.



GENERATOR—Pat. Jan. 24, 1888, and Sept. 23, 1890.

**SULZER-VOGT MACHINE CO.**

LOUISVILLE,  
KY.

Builders of Latest Improved

Ice and Refrigerating Machines.

ATMOSPHERIC CONDENSERS, COILS, TANKS

FURNISHED FOR ANY MACHINES.

Write for Prices.



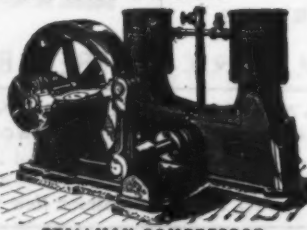
Absorber with Patented Automatic Regulating Valve. (Pat. Nov. 1, 1894.)

## REFRIGERATING MACHINES

For **PACKERS, BUTCHERS, COLD STORAGE, WAREHOUSES, ETC.**

**A First-Class Plant Pays.**

**DIRECT EXPANSION, BRINE STORAGE, and BRINE CIRCULATING SYSTEMS.**



STALLMAN COMPRESSOR.

We are the Sole Manufacturers of the **STALLMAN COMPRESSOR**

For Simplicity, Durability, Efficiency and Economy in operation, **THEY HAVE NO EQUAL.**

**OUR SPECIALTY:**  
**2, 4, and 6-TON MACHINES FOR SMALL PLANTS.**

For Power we furnish **ELECTRIC MOTORS, GAS, GASOLINE or STEAM ENGINES.** Estimates and Descriptive Circulars cheerfully furnished.

**CREAMERY PACKAGE MFG. CO., 1, 3, 5 West Washington Street, CHICAGO.**

THE  
DE LA VERGNE REFRIGERATING MACHINE CO.  
Manufacturers of  
**Refrigerating AND Ice-Making Machines**  
AND ANHYDROUS AMMONIA.

Read the following AWARD from the DIPLOMA received by us from THE WORLD'S COLUMBIAN EXPOSITION.

AWARD.

For production of Anhydrous Ammonia Compressors for refrigerating purposes, of First-Class Efficiency, Durability, Design, Workmanship and Finish, having a pair of vertical double-acting compressing cylinders, operating from two cranks driven by a horizontal double-acting steam engine, occupying a minimum floor space for given capacity, with automatic devices for circulating oil through the compressing cylinders for the purpose of securing perfect displacement of gas, of absorbing the heat of compression so as to require no water-jackets.

For first-class design of the ammonia condensing apparatus, involving the use of a special line of pipe-fittings and valves, of superior strength and completeness; for an excellent arrangement of cooling-water distributing surfaces and liquid ammonia collecting pipes, and complete provision for conveniently operating, cleaning and repairing all parts of the system so as to secure steady action under the most economical conditions.

For successful application of the principles of artificial refrigeration, by the direct expansion of ammonia.

For a complete system of constructing Refrigerating Plants and manufacturing specially designed appliances therefor, all of which are undoubtedly the most elaborate and complete fittings for this purpose yet introduced. The exhibitors adhere to the practice of making all pipe joints with screw threads, sealed with a special solder, which is undoubtedly the most secure method of making joints in ammonia work.

Approved.—W. A. JAMES,  
Vice-President Departmental Com.

(Signed) J. E. DENTON,  
Individual Judge.

Approved.—JOHN BOYD THACHER,  
N. H. Chairman Executive  
Committee on Awards.

WE BUILD THE MOST SUBSTANTIAL AND DURABLE MACHINES AND PLANTS FOR REFRIGERATION AND ICE-MAKING MADE IN THE WORLD. THE RECORD MADE BY OUR PLANTS IN OPERATION IS A PROOF OF THIS FACT.

WE MAKE NO GUARANTEES WE CANNOT FULFILL.

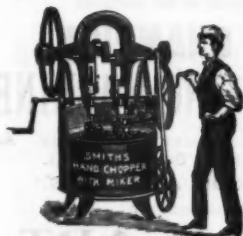
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BRANCH OFFICES.

PHILADELPHIA, Pa., Girard Building, cor. Broad and Chestnut Sts.  
ST. LOUIS, Mo., 8th St. and Park Ave.  
CHICAGO, Ill., 507-508 Security Building, Madison St. and 5th Ave.

NEW ORLEANS, La., 712 Hennen Building, Cor. Carondelet and Common Sts.  
CINCINNATI, O., 811 Neave Building, Fourth and Race Streets.  
BOSTON, Mass., Tremont Building.

Smith's Patent Celebrated Buffalo Choppers with Self-Mixers, used the World over.



**BEST and CHEAPEST  
HAND CHOPPER**  
IN THE WORLD.  
Chops and mixes 30 lbs. fine  
in 15 minutes. Runs easy  
and is Strong and Durable.  
Send for Lowest Prices.



**BUFFALO SPICE MILL**

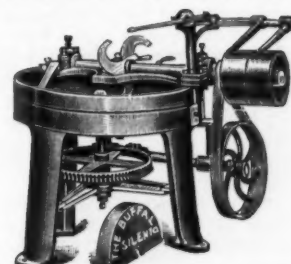
Best Mill ever put on the Market.  
It pays to grind your own spice, then  
you know it is pure.

Buffalo Chopper, Chops, Stirs and  
Mixes at one time.



**Best Lard Mixer ever Invented.**

(Patent Applied for.)  
75 to 800 Gallons Capacity.  
MODERATE PRICES.



**Latest Silent Cutter.**

WRITE FOR PARTICULARS.

JOHN E. SMITH & SONS, Buffalo, N. Y.

AGENTS WANTED.  
IT'S A GOOD THING.



**The PERFECTION  
DRIED BEEF CHIPPER.**

IS the best thing out.  
**ECONOMICAL**, uses up 98% of the beef.  
**SIMPLE**, anybody can work it.  
**FAST**, cuts 150 pounds per hour by hand.  
**CLEAN**, chipped meat drops in a drawer.  
**PROFITABLE**, compared with any other  
machine.

	CAPACITY.
Price, \$25.00 l. o. b. New York or Chicago,	150 lbs. per hour
Foot Power, \$150.00 " " "	300 "
Steam Power, \$200.00 " " "	600 "

Sausage Casings and Butchers' Supplies.

**WOLF, SAYER & HELLER,** 120 Pearl Street, NEW YORK.  
Palton and Peoria Sts., CHICAGO.

The Results from an AD on Page 45 Will Surprise You.

**PHILIP H. GILL,  
Millwright and Machinist**

Shafting, Pulleys, Bearings, Gearing, Etc.

**DESIGNER AND BUILDER OF**  
Oil and Flour Mills, Grain  
Elevators and Breweries. . .

TELEPHONE 337.

9 to 19 BOWNE ST. BROOKLYN, N. Y.

WE ARE SHORT OF COPIES OF THE  
NATIONAL PROVISIONER OF THE  
DATES OF JAN. 25, 1896, AND JAN. 9,  
1897. WE WOULD BE OBLIGED IF  
OUR FRIENDS WOULD SEND US  
COPIES OF THOSE DATES, AND WE  
WILL CREDIT THEIR SUBSCRIPTION  
ACCOUNT ACCORDINGLY.



**PACKING HOUSE MATTERS.**

(Continued from page 32.)

change have been on previous occasions sustained by the Supreme Court.

\* The Omaha Live Stock Exchange will appeal from the legal decision affecting its continued existence as a corporate body.

\* The Evansville (Ind.) Packing Co. is the name of a newly formed company, capitalized at \$100,000, which succeeds the Eichel & Weil Packing Company. The incorporators and directors are Jacob Eichel, Charles W. Fuhrer and William Eichel.

\* The story is again going the rounds of the press that the Luetgert trial in Chicago has caused the demand for sausage to wane. This is ridiculous and nonsensical. It is refreshing in this connection to read the following piece of common sense which we clip from the Detroit (Mich.) Journal: "Local dealers say that the revelation made during the Luetgert murder trial in Chicago regarding the mysteries surrounding the manufacture of sausage has not depressed their business as reported. The sausage business in this city is for the most part controlled by large firms whose methods are irreproachable, and the trade has suffered no loss."

\* Harry West, manager of the Liverpool and Des Moines (Iowa) Packing Company, stated in the latter city that he could not give out anything definite regarding the proposed buyers of the establishment until after the deal was consummated, which he expected would be about Oct. 15. It will be remembered that the probable purchase of the business of the above company by an Eastern syndicate was reported recently in this paper. In case the deal is closed the purchasers, it is stated, will take possession Nov. 1.

\* William P. Harvey has brought suit in Kansas City against the Swift Packing Company for \$2,000 damages. He alleges that on June 11 last he was employed by the company as a carpenter and was injured by a heavy piece of timber falling on him.

\* By the opening of the Belt Line Railroad, a new enterprise in the Union Stock Yards will be established in Norfolk, Va., by the middle of October. Quarantine Officers Geo. C. Faville, D. V. S., and F. H. Niles recently made an inspection and will see to it that everything is in first-class condition before the yards are opened.

\* The charter of the Sunset Cattle Company, of Austin, Texas, with a capital stock of \$100,000, was filed with the Secretary of State.

\* The receipts since Jan. 1 at the Kansas City Stock Yards aggregate 1,238,373 cattle, 64,833 calves, 2,380,332 hogs and 836,718 sheep. Compared with the corresponding date in 1896, the increase is 167,220 cattle, 4,300 calves, 546,147 hogs and 164,131 sheep.

\* There are rumors current that Armour & Co. are negotiating for the purchase of store property on Jersey avenue, Port Jervis, N. Y.

\* At a meeting of the Dairy and Live Stock Association of Jefferson County, held at

Birmingham, Ala., a vigorous protest was made against the illegal dealers in colored oleomargarine and adulterated feed-stuffs. A committee was appointed to act jointly with the Commissioner of Agriculture in the enforcement of the law, to report at the October meeting.

\* The Dies Meat and Produce Company, of Denver, Col., has been incorporated with a capital stock of \$5,000. The directors are E. J. Dies, Jas. R. Gage and Mamie L. Dies.

\* Joseph Riding brought suit last week in Kansas City against the Armour Packing Company for \$1,000 damages. Riding alleges that on Feb. 20, 1896, while discharging his duties as a member of a "loading gang," the foreman of the latter tipped over a heavy box on him, injuring his right foot so that it has rendered him a cripple for life. He claims the accident was due to the gross carelessness of the foreman.

**AMONG THE RETAILERS.**

The butchers of Philadelphia have recently been giving themselves over to several afternoons and evenings of mirth and festivity at Washington Park on the Delaware with their jubilee festival, Kirmess and grand barbecue. Very fine live stock was on exhibition and prizes were awarded. The festival was a big success and owes its completeness and entertaining qualities to the able and courteous committees of which the following gentlemen acted as chairmen: Marshals, Louis Reining, Honorary, John Schmidt; Reception, Henry Wittman.

A. G. Burns and H. G. Dannaker have leased the premises at Third and Parker streets, Chester, Pa. A partnership has been formed under the name of the Penn Beef Company, and will carry on the business of groceries, meats and provisions.

H. M. Ware will conduct the meat business

formerly owned by J. H. Eggleston, at the old post office in Warner's Block, Leeds, Mass., after Oct. 1.

At a meeting of the Building Committee of the East Liberty Market House Company, of Pittsburgh, Pa., plans were discussed for heating the building and for providing it with a system of cold storage. Plans are to be ready and bids for its erection are to be solicited early in October. The structure is to cover an area of 200x250 feet, is to cost \$125,000, and to be opened to the public May 1, 1898.

A new meat market is to be opened under J. Wilbur's store at Underhill, Vt., under the firm name of Edwards & Burroughs.

The Board of Aldermen of North Tonawanda, N. Y., are contemplating an uptown market. The sum of \$10,000 is available and a special session was held to arrange about the plans.

John Rundt has broken ground for the building of a market at Briar Hill, Ohio.

Thomas Bruce will soon open a meat market at 705 North Cherry street, Canton, Ohio.

**AS TO FAT CUTTERS.**

The merits of the fat cutters manufactured by J. B. Adt, of Baltimore, Md., are so well known that it seems superfluous to call attention to them at this time. However, some of the salient points, which make this cutter popular, may be given. The object of this machine is to prepare the fatty matter used in the manufacture of lard and tallow by cutting it into small pieces for the rendering tanks. The machine's capacity is about 100 lb per minute. The uniformity of its work reduces the cracking cake at least 6 per cent., which is a corresponding gain in clear fat. Mr. Adt's advertisement appears on this page and in that may be found the illustration of the machine referred to. Mr. Adt will be glad to send descriptive circulars of this fat cutter to prospective purchasers of this style of machinery.\*

**NO PORK PACKER**

Can afford to be without

**THE CHAMPION  
FAT CUTTING MACHINE**

Cuts 100 lbs. per minute uniformly. Reduces Cracking Cake 6 per cent.

**HAS STOOD ALL TESTS.**

MADE ONLY BY

**JOHN B. ADT,**

332 to 342 N. Holliday Street,

**BALTIMORE, MD.****PL DIXON'S PERFECT LUBRICATING GRAPHITE.**

The most Marvelous Lubricant Known.

Used Dry, or Mixed with Water, Oil or Grease.

**NOT AFFECTED BY HEAT, COLD, STEAM OR ACIDS.**

An Interesting and Instructive Pamphlet

will be sent Free of Charge.

**JOS. DIXON CRUCIBLE CO. Jersey City, N. J.****DON'T USE SALTPETER**

WHEN YOU CAN OBTAIN

**Rudolph Gebhard's Berliner Konservirungs-Salze.**

IT IS MUCH BETTER THAN SALTPETER.

IT MAKES FINER FLAVORED MEATS.

IT PREVENTS THE BRINE FROM GETTING ROPY.

**B. HELLER & CO., Chemists, CHICAGO, ILL.**

General Agents for United States, Canada and Mexico.



# WINCHESTER BRAND

MILD SUGAR-CURED  
SMOKED HAMS,

BREAKFAST BACON,  
SHOULDERS, ETC.

...MADE ONLY BY...

SWIFT AND COMPANY, CHICAGO, KANSAS CITY,  
SOUTH OMAHA, EAST ST. LOUIS.

## THE CUDAHY PACKING CO.

Packers of REX BRAND

PROVISIONS, CANNED GOODS AND BEEF EXTRACT.

SHIPPERS OF CHOICE

Dressed Beef, Hogs, Sheep, Calves, Beef and Pork Cuts and all  
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## CHICAGO PROVISION MARKET.

The speculative market in provisions the past week has been inactive and the many bearish moves have been successful in keeping it in narrow range. The hog supply has been large, domestic markets rather quiet and foreign demand not so as to encourage holders. Operators transferred their contracts ahead to some extent; the bulk of trading was in December and January contracts. Outside orders were largely on the selling side, the packers also being rather free sellers. On Monday Hately and Anglo-American Packing Co. and other exporting concerns were buyers of lard. Armour is credited with purchases of pork and ribs and the Chicago Packing Co. with buying pork. The packers say that present prices are about 25c. out of line with the prices of live stock. The speculative trade was extremely dull in the middle of the week, and the pit not enthusiastic over the cash trade. Cudahy Packing Co. were conspicuous as sellers of January product. Anglo-American, Chicago Packing Co. and International were sellers of lard. Outsiders still kept away from the market. The volume of trade was light. Closing figures Wednesday were slightly under those of the previous day; very little interest was taken; falling off credited to decline in grain prices and continued bad yellow fever reports; believe the existing conditions have lasted long enough, and look for considerable advance in prices the coming week.

Chicago packers slaughtered hogs last week as follows: Armour 25,300, Anglo-American 8,800, Boyd-Lunham 5,200, Chicago 7,500, Continental 2,200, Hammond 2,800, International 4,400, Lipton 5,100, Morris 9,600, Swift 19,700, butchers 6,500, making a total of 97,100, against 81,600 the previous week, 99,100 a year ago and 92,900 two years ago.

## RANGE OF PRICES.

## SATURDAY, SEPT. 25.

	Open.	High.	Low.	Close.
<b>PORK</b>				
October.....	8.15	8.15	8.07½	8.07½
December....	8.17½	8.25	8.15	8.15
January.....	9.17½	9.17½	9.12½	9.12½
<b>LARD</b>				
October.....	4.37½	4.37½	4.35	4.35
December....	4.47½	4.47½	4.40	4.42½
January.....	4.60	4.62½	4.55	4.57½
<b>RIBS</b>				
October.....	4.95	4.95	4.85	4.90
December....	4.82½	4.82½	4.75	4.75
January.....	4.82½	4.82½	4.75	4.75

## MONDAY, SEPT. 27.

<b>PORK</b>				
October.....	8.05	8.22½	8.05	8.22½
December....	8.15	8.30	8.15	8.30
January.....	9.10	9.30	9.10	9.30
<b>LARD</b>				
October.....	4.32½	4.50	4.30	4.50
December....	4.40	4.57½	4.40	4.57½
January.....	4.55	4.70	4.55	4.70
<b>RIBS</b>				
October.....	4.90	5.02½	4.82½	5.02½
December....	4.70	4.85	4.70	4.85
January.....	4.70	4.82½	4.70	4.82½

## TUESDAY, SEPT. 28.

<b>PORK</b>				
October.....	8.12½	8.12½	8.07½	8.10
December....	8.30	8.30	8.15	8.20
January.....	9.27½	9.27½	9.15	9.17½
<b>LARD</b>				
October.....	4.42½	4.42½	4.37½	4.40
December....	4.55	4.50	4.47½	4.47½
January.....	4.70	4.70	4.62½	4.62½
<b>RIBS</b>				
October.....	5.00	5.00	4.87½	4.87½
December....	4.87½	4.87½	4.75	4.75
January.....	4.85	4.85	4.75	4.75

## WEDNESDAY, SEPT. 29.

<b>PORK</b>				
October.....	8.10	8.10	8.00	8.10
December....	8.20	8.20	8.10	8.20
January.....	8.17½	8.17½	9.05	9.17½
<b>LARD</b>				
October.....	4.40	4.42½	4.37½	4.40
December....	4.47½	4.52½	4.47½	4.47½
January.....	4.65	4.67½	4.62½	4.62½

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<b>RIBS</b>				
October.....	4.92½	4.92½	4.82½	4.87½
December....	4.77½	4.77½	4.70	4.75
January.....	4.77½	4.77½	4.70	4.75

## THURSDAY, SEPT. 30.

<b>PORK</b>				
October.....	8.07½	8.17½	8.07½	8.17½
December....	8.17½	8.30	8.17½	8.27½
<b>LARD</b>				
October.....	4.42½	4.50	4.42½	4.50
December....	4.50	4.60	4.50	4.57½
<b>RIBS</b>				
October.....	4.90	4.95	4.87½	4.92½
December....	4.77½	4.80	4.77½	4.77½

## FRIDAY, OCT. 1.

<b>PORK</b>				
October.....	8.20	8.20	8.12½	8.12½
December....	8.32½	8.32½	8.20	8.22½
<b>LARD</b>				
October.....	4.50	4.50	4.42½	4.42½
December....	4.60	4.60	4.52½	4.52½
<b>RIBS</b>				
October.....	4.95	4.95	4.90	4.95
December....	4.80	4.80	4.72½	4.72½

## CHICAGO LIVE STOCK REVIEW.

(Written expressly for THE NATIONAL PROVISIONER by  
Mallory, Son & Zimmerman Co.)

**HOGS.**—Receipts of hogs continue liberal and quality about the same as for the past two weeks. Generally speaking, hogs are coming better than usual at this season of the year, and the average weight is heavier. The shipping demand continues strong, and this, together with the demand for fresh pork on packing account, is the principal sustaining feature of the market. The provision market continues weak, prices about the lowest of the month. The cash and export demand is reported strong, but there is little speculation and the packers are able to manipulate the market to suit themselves. There is a wide range in prices, as usual at this season of the year, and shippers cannot be too careful in buying all kinds of common hogs and heavy hogs, especially those which run largely to "sows." The shrinkage is also greater at this season of the year than any other and shippers who do not recognize these conditions will be disappointed and lose

money. We look for some reduction in the receipts of hogs for the next sixty days compared with the same time last year, and would not be surprised if the reduction equals 10 to 15 per cent. The fresh meat trade continues strong and the shipping demand good. The packers are selling January product on a basis of about 3.50 for hogs, and while the proposition may look favorable and may possibly turn out all right, we are inclined to believe that unnatural conditions will have to prevail throughout to warrant hogs selling at those figures or lower very much of the time in the near future. The prospect is fair for next week, especially for choice smooth hogs, and we still believe that good hogs bought to sell here from 3.75@4.00 will be all right. Beginning Oct. 1 mess pork can be made out of heavy hogs, and while prices may not be sustained we are liable to have a more steady demand for the old sows.

We quote: Light and medium smooth mixed hogs, 4@4.15; assorted medium and light hogs, 4.10@4.30; heavy packing hogs, 3.75@3.90, with common and thin hogs at 3.50@3.75. Pigs are in good demand at 3.75@4.15.

**CATTLE.**—Receipts of cattle continue large, mostly from the western ranges. The general market ruled weak and prices are 10@25c. lower on all kinds of cattle except the best natives. We look for large receipts during this month, and still advise operating on a conservative basis. Butchers' stock, stockers, feeders and bulls were rather weak and shared in the decline.

**SHEEP.**—The supply of sheep and lambs the past two days has been very large. The drought throughout the Eastern country has curtailed the demand for feeders, and although the local and shipping demand has been fairly good, the general market declined 15@30c. on most grades of sheep and lambs compared with last week. We look for liberal receipts for a week or two and still advise sending orders for feeders as fast as the feeders can be used. The demand for ewes has fallen off somewhat and the prospect is

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not at all favorable for any better prices—in fact, we would not be surprised to see them sell lower. Strictly choice fat sheep and lambs are wanted at comparatively good prices.

### CHICAGO NOTES.

It is said that Swift and Company have leased 2,000 acres of land in Washington County, Kansas, from the D. M. Steele estate, to be used for a sheep ranch.

Joe Murphy, Armour's cattle buyer at Omaha, was among the visitors at the yards this week. He says Nebraska farmers will feed more cattle than ever before, and the corn crop never was so large. He predicts bright prospects for Omaha. The movement in feeding cattle, he says, is wonderful.

### TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

**CORRESPONDENTS, SUBSCRIBERS AND OTHERS SENDING ITEMS FOR THIS COLUMN SHOULD MAIL THEM SO AS TO REACH THE EDITOR NOT LATER THAN THURSDAY EVENING.**

*Tallow-renderers, soap makers, glue manufacturers, fertilizer manufacturers, and cotton oil manufacturers could do well to make known their wants in this column, which would result in their being placed in immediate correspondence with the leading firms interested in these lines who carefully peruse these notes.*

The rival soap houses of Rich Hill, Mo., that of the Cowles Mercantile Co. and the H. G. Cook Co., indulged in a lively competition recently, resulting in both companies selling thirty bars of the best laundry soap for 25 cents within thirty minutes, and would probably be selling yet at a big sacrifice had they not run out of soap.

The Sumter (S. C.) Cotton Oil Mill has resumed operation for the season. The capacity of the mill has been increased from 30 to 50 tons a day since last year.

The New York Condensed Soap Co., of New York City, has been incorporated with a capital stock of \$10,000. The directors are William B. Oliver, Jr., Thomas B. Enos and Joseph B. Read, of New York City.

W. Scott, E. B. Harrold and Robert McCart have chartered the Brownwood Oil Mill Company of Brownwood, Tex., with a capital stock of \$50,000.

Messrs. Schmid & Diffy, who are constructing an oil mill in Victoria, Tex., expect to have things ready for business about September 20.

The increasing trade of the Joseph Biebele Soap Company, in Canton, O., has made imperative the addition of a large building to their plant, besides the putting in of new and modern machinery in order to successfully supply the trade with their product. A new boiler has been added of 50 horse power. A new kettle of a capacity of 60,000 pounds, a new drying apparatus and new frames to receive the additional output. A new glycerine plant is also one of the new features of the works.

The Walker Soap Manufacturing Company, of the North Side, Pittsburg, Pa., last week took out a permit for the erection of a three-story brick building on Herr's Island, Eighth Ward, in that city, to cost \$10,000. The company was also granted a permit for a two-story brick storage building to cost \$2,500.

Abilene (Texas) is to have a cottonseed oil mill with 30 tons capacity to be in operation by Dec. 1. J. E. Ritchie of that place can probably give further particulars.

There are 283 cotton oil mills in the South. Texas leads, with Georgia a close second.

Mobile made her debut last year, according to a local paper, in the exportation of cottonseed meal. The receipts of cottonseed meal for the year ending Aug. 31, 1897, were 93,204 sacks, of which 36,780 sacks were exported. These figures, it is expected, will be largely increased during the present year.

\*\* J. H. Bowman, of the Liverpool (Eng.) importing house of G. C. Dobell & Co., and Mr. William Norman, of Norman & Piggott, of the same city, paid a visit to "The National Provisioner's" New York office during the week. These gentlemen are making a tour through the South and West, visiting the cotton and linseed oilcake mills.

### NEW YORK CITY AND VICINITY.

*Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.*

\*\* J. A. Howard, general manager of the branch houses of the Schwarzschild & Sulzberger Company, returned this week from a Western trip covering several weeks. He attended the opening of the Schwarzschild & Sulzberger Company's plant at Milwaukee, and speaks very enthusiastically about this affair. He says that the first day was so successful and the demand so large, that he would advise his company to take under consideration a plan for enlarging the place at once. The Chicago North Side branch of this concern is nearly completed, and will be open for business about November 1. In Kansas City, the new fertilizer house is completed, and the new buildings for the manufacture of glue are nearing completion. Business in Kansas City and in the West is reported to be very good.

\*\* Mr. Richard Webber, the well-known Harlem packer, is expected back from his vacation next week.

\*\* Hugo A. Wallenstein, the popular salesman of the United Dressed Beef Company, is engaged to be married to Miss Hattie E. Lambert, of this city.

\*\* About 1:30 a. m. Friday a fire occurred on the premises occupied by Toch Brothers, oils, etc., 468, 470 and 472 West Broadway, and caused a damage of about \$5,000. The blaze started from an explosion of benzine.

\*\* On Sunday, Oct. 10, a reception will be given to the friends of Mr. and Mrs. Samuel Weil, and their children, at their house, 222 Lenox avenue, in honor of Miss Bella Weil, who is engaged to Dr. M. D. Ledermann, a well-known eye, ear and throat specialist in this city.

\*\* Fred Hevert, of the firm of Hevert & Weisbart, of Jersey City, left on Thursday by the Kaiser Wilhelm der Grosse for Bremen, and expects to be away for three months on a vacation for the benefit of his health. He wishes it mentioned that on his return he will offer an open challenge to beat anyone in a calf-dressing contest, and will put up from \$100 to \$500 on the result.

\*\* The Eastmans Company secured two judgments against Moses Stern Saturday last for \$647.

\*\* We are informed that the Brecht Butchers' Supply Company, of St. Louis, intends opening a branch in New York City. It is also stated that a branch will be established here by the Cincinnati (O.) Butchers' Supply Company.

\*\* A. M. Wilson, a large cattle dealer of Florida, who went over to Cuba from Key West to make arrangements with the Spanish authorities to supply cattle for the Spanish troops, arrived at quarantine Monday on the Ward line steamship Yumuri from Havana. Wilson has a contract to furnish 1,000 head of cattle to the Spanish Government within the next thirty days. He was obliged to return to his home by way of New York, owing to the stringent quarantine regulations at ports in Florida. He was sent to Hoffman Island to complete the period of quarantine. He was released Tuesday.

\*\* The Board of Health meat inspectors condemned for the week 1,025 lb beef, 1,180 lb calves, 600 lb sheep, 1 hog (80 lb), 33 bbls. poultry (6,600 lb), 20 lb livers, 1¼ bbls. assorted meats (220 lb).

\*\* At a meeting of the Board of Managers of the Long Island State Hospital all the bids received a week ago for fresh meat to be supplied at Kings Park for the next six months were thrown out and it was decided to advertise anew. The lowest bid received was sent by Schwarzschild & Sulzberger, of

this city, at \$21,964.87. At the meeting Alexander E. Orr objected to giving the contract to this firm. It appeared that when the specifications were drawn there was a clause which called for every bidder to be a slaughtering. Mr. Orr contended that this was no guarantee that the meat would be of any better quality than if coming through the hands of a wholesale dealer. Most of the slaughtering, he said, was done in the West, and he considered it unfair to wholesalers living here to have that clause in the specifications. A man might hire a little bit of a place and slaughter some cattle, but that was no guarantee that the carcasses he supplied to the institution might not be slaughtered far away where he never saw them. The board went into executive session for an hour on the question, and decided, as before stated, to readvertise. An advertisement appears elsewhere in this issue. The bids for salt meat received a week ago were thrown out, as the specifications were misleading and new bids are advertised for. The lowest bid that was received last week was sent by Armour & Co., at \$5,175.81.

\*\* Every one desires to keep informed on Yukon, the Klondyke and Alaskan gold fields. Send 10 cents for large Compendium of vast information and big color map to Hamilton Publishing Company, Indianapolis, Ind.\*\*\*

\*\* Mr. Joseph, of the Schwarzschild & Sulzberger Company, arrived from Europe on Friday evening last. On the following day he was accorded a hearty welcome at the offices, 46th street and 1st avenue, where the salesroom had been artistically decorated with floral designs on his behalf by the employees.

\*\* Mr. Max Sulzberger has just returned from a trip to Yellowstone Park, having visited Kansas City on his way home.

\*\* Fire was discovered at 313 Washington street on Wednesday evening, which did damage to the extent of \$22,000 to the stock and premises—Lloyd J. Seaman, produce and commission merchants, and wholesale dealers in butter, eggs and cheese.

\*\* Jacob Stein, a butcher, at Broadway and Lafayette avenue, Brooklyn, was arrested at the instance of Mrs. Belle Moore, of 64 Patchen avenue, Brooklyn, charged with selling her 35 cents worth of meat, which, she declared, was entirely unfit for human food. Stein was held to answer in \$200 bail.

\*\* Mr. Harry Van Iderstine, of Brooklyn, was married Wednesday evening at Plymouth Church to Miss Alice Gertrude Todd, of the same city. The ceremony was followed by a reception at the residence of the bride's parents on Hooper street.

\*\* A new meat market was recently opened at 2060 Amsterdam avenue, New York City, by J. Coghlan. The fixtures and fittings were furnished by McLean.

\*\* A new refrigerator was placed in the Park-Madison Hotel, corner 25th street and Madison avenue; also by McLean.

### CHAMPION TETZEL WILLING TO MEET MULLINS.

Paul Tetzl, champion beefdresser of the world, who is employed by the United Dressed Beef Company, of New York, was interviewed this week in regard to the acceptance of his challenge to meet anyone in a beefdressing contest, by M. F. Mullins, of Chicago, former man of Swift and Company's abattoir, in that city. The latter's acceptance was printed in these columns last week.

Mr. Tetzl is willing to meet Mr. Mullins. It will be possible, in our next issue, perhaps, to report later developments in the matter. Mr. Tetzl said that it was his intention to deposit \$500 with the sporting editor of this paper as a guarantee of good faith. Mr. Mullins could then cover the money, and the final arrangements for the match, which should take place in New York, he said, could be arranged. Mr. Tetzl recently defeated Mr. Mullins in a beefdressing contest in Cleveland, O.

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WANT BARGAINS? SECURE THEM  
ON PAGE 45.



## Supplementary Reports.

### PROVISIONS AND LARD.

(Continued from page 10.)

#### FRIDAY'S MARKETS.

The opening market in Chicago was 2¢5 points higher on October and December and 2¢5 points lower on January, from which there were moderate declines, as speculation was very slack, while the small improvement early brought out selling of pork and October lard. The deliveries on contracts there in the morning were light, or only 750 tcs. lard and 1,000 bbls. pork. The New York stocks are not as yet made up, or those at Chicago, while it is believed that at the latter point they will be about as was reported as estimated in our last week's report. The world's visible supply of lard it is not expected will show as much decrease as had been looked for. Pork—October opened at \$8.20, sold down to \$8.10, closed at \$8.12; December opened at \$8.32, sold down to \$8.20, closed at \$8.22; January opened at \$9.17, sold down to \$9.17, up to \$9.20, closed at \$9.15. Lard—October opened at 4.50, sold down to and closed at 4.42; December opened at 4.60, declined to and closed at 4.52; January opened at 4.72, sold at 4.70 up to 4.75, closing at 4.67. Ribs—October opened at 4.95, declined to 4.90, closed at 4.95; December opened at 4.80, declined to 4.72, closed 4.72; January opened at 4.77, declined to 4.72, closed at 4.72. Receipts of hogs West 52,000 head, of which 22,000 head at Chicago, with prices 5¢ higher. Estimated at Chicago for Saturday 15,000 head.

The New York market was lower on lard, with cash Western at 4.80; refined at 5.25 for Continent, 5.70 for South America, 6.80 for ditto kegs, compound 4¢4½. Pork sold to the extent of 500 bbls. at \$8.75; \$9.25 for old mess and \$9.50; \$10.25 for new mess. Of cut meats sales of 800 pickled shoulders at 5½¢, 5½¢, pickled hams at 8¢8½, pickled bellies, 10-lb average, 7¢7½, ditto 12-lb 6½¢6½, ditto 14-lb 6½¢. Beef and hams had not changed in prices. Hogs were at 5½¢ for bacon to 6 3-16 for 120-lb.

### TALLOW, STEARINE AND OILS.

(Continued from page 14.)

For tallow the close of the week finds a dull and rather tame market, with offers to sell city at 3½¢ and bidding hardly above 3½¢. At Chicago 4 was bid for best packers, and 4½¢ asked.

In stearine nothing further done. Oleo was offered here at 5½¢, with only about 75,000 lb to be had at once; while bidding was hardly above 5½¢; nothing could be bought under 5½¢. In Chicago there were sellers at 5½¢. For lard no further change in price; 5½¢ asked.

### COTTONSEED OIL.

(Continued from Page 18.)

Had a freer movement from New Orleans to exporters, but was quiet here and only about steady. Sales 2,000 bbls. prime summer yellow at New Orleans, for export at 25½¢; 1,000 bbls. butter grade, also from New Orleans, for export, at 28¢, and 1,400 bbls. choice white in New York. November and December deliveries, for export, at 28½¢. Prime yellow was to be had on dock here at 24½¢ for small lots, while there was a rumored of 100 bbls. at 24¼¢. Crude in bulk had 16 bid, and was held to 17; sales of 2 tanks at 16 at mill.

### CHEMICALS AND SOAP MAKERS' SUPPLIES.

74 per cent. caustic soda, 2.15¢. for 60 per cent.; 76 per cent. caustic soda, 2.30¢. for 60 per cent.; 60 per cent. caustic soda, 2.50¢. pound; 98 per cent. powdered caustic soda, 4¢. pound; sal soda, 75¢. per 100 pounds; carbonate of potash, 4½¢. pound; caustic potash, 4½¢. pound; borax, 6¢. pound; talc, 1½¢. pound; palm oil, 4½¢. pound; palm kernel oil, 5¢. pound; green olive foots, 4½¢. pound; green olive oil, 53¢. gal.; Cochin cocoanut oil, 70¢. pound; Ceylon cocoanut oil, 5½¢. pound; cottonseed soap stock, 1½¢. pound; rosin, 22¢. 22.75 per 280 pounds.

### OLEO AND NEUTRAL LARD.

(MARGARINE.)

The oleo oil markets of Europe are easier, the last reported sale in first hands being 47 for choice oil and 44 for prime oil. Shipments from this side continue moderate, both from New York and Baltimore, and the stocks in Europe are not excessive.

The steamer Odbam, which is due in Rotterdam this week, has not arrived up to this time of writing, hence no sales have been reported yet.

Neutral lard continues in the same situation as previously reported, viz., very little business and no demand.

#### SALES OF OLEO OIL IN ROTTERDAM.

Sept. 22, 1,000 tcs. sold.

Sales of oleo oil this week:

Sept. 22. United sold at 47 florins.  
" 22. Cudaby Extra sold at 47 florins.  
" 22. Armour Extra sold at 47 florins.  
" 22. Morris Extra sold at 47 florins.  
" 22. Harrison sold at 47 florins.  
" 22. Supreme Extra sold at 46 florins.  
" 22. Midland sold at 45 florins.  
" 22. Brilliant Extra sold at 44 florins.  
" 22. Armour sold at 44 florins.

Sales for the week, 1,100 tcs. spot and 1,000 to arrive.

Sept. 25, stock in first hands, 2,800 tcs.

Sept. 25, stock admt.—Per stmr. Urbino from Balto. Sept. 11, due Sept. 26, 1,050 tcs.; per stmr. Tabasco from Balto. Sept. 18, due Oct. 2, 1,305 tcs.; per stmr. Odbam from New York Sept. 18, due Oct. 1, 3,205 tcs.; per stmr. Veendam from New York Sept. 26, due Oct. 6, 2,605 tcs.; per stmr. Tampaco from Balto. Sept. 25, due Oct. 9, 1,468 tcs. Total, 9,538 tcs.

Sept. 25.—London cable reports: Butter, market dull and lower; Margarine, market quiet and steady.

Imports into Great Britain for week ending Sept. 18, 1896—Butter, 51,129 cwt.; margarine, 15,227 cwt. 1897—Butter, 65,000 cwt.; margarine, 20,000 cwt.

#### Exports of Oleo Oil to Rotterdam.

Sept. 25. Per Stmr. Veendam—United, 80; Eastman, 509; Hughes, Cook, 70; Wolf, 60; Pittsb. Prov. Co., 60; Hammond, 370; Morris, 480; Isaacs, 33; Armour Packing Co., 120; S. & S., 649; Various, 185.

Sept. 27. Per Stmr. Tampico—Armour, 750; Cinn. Abattoir Co., 43; Cudaby Packing Co., 75.

#### Neutral Lard.

Sept. 25. Per Stmr. Veendam—Cleveland, 50.

Sept. 27. Per Stmr. Tampico—Armour, 625; Kingan 50; Chicago Packing Co., 100; Cinn. Abattoir Co., 17 Marked Y. S., 100.

### LIVERPOOL QUOTATIONS.

Liverpool, Oct. 1—3:45 P. M.—Exchange closing. Beef—Extra India mess dull, 67s. 6d.; prime mess dull, 56s. 3d. Port—Prime mess fine Western dull, 50s.; prime mess medium Western dull, 46s. 3d. Hams—Short cut, 14 to 16 lb, dull, 33s. 6d. Bacon—Cumberland cut, 28 to 30 lb, dull, 32s. 6d.; short rib, 20 to 34 lb, dull, 33s. 6d.; long clear middles light, 35 to 38 lb, firm, 32s.; long clear middles heavy, 40 to 45 lb, firm, 31s. 6d.; short clear middles heavy, 45 to 50 lb, stocks exhausted; clear bellies, 12 to 14 lb, dull, 37. Shoulders—Square, 12 to 14 lb, quiet, 26s. 6d. Lard—Prime Western steady, 24s. Cheese—American finest white and colored dull, 45s. Tallow—Prime city dull, 19s. 3d. Cottonseed oil—Liverpool refined dull, 16s.

—The Remington Machine Company, of Wilmington, Del., is preparing to ship a sixteen ice-machine to Para, Brazil.

### PORK PACKING.

Special reports show the number of hogs packed since March 1, as follows:

March 1 to Sept. 22, 1897.	1896.
Chicago .....	3,385,000
Kansas City .....	2,915,000
Omaha .....	1,622,000
St. Louis .....	1,148,000
Indianapolis .....	891,000
Cincinnati .....	635,000
Milwaukee, Wis. ....	587,000
Cudaby, Wis. ....	488,000
Cleveland, Ohio .....	411,000
Ottumwa, Iowa .....	301,000
Cedar Rapids, Iowa ..	288,000
Sioux City, Iowa .....	176,000
St. Joseph, Mo. ....	165,000
Louisville, Ky. ....	235,000
Keokuk, Iowa .....	278,000
Bloomington, Ill. ....	310,800
	222,500
	173,000
	89,000
	95,500
	123,000
	42,000
	10,700

—Price Current.

## NEW YORK MARKETS.

### OCEAN FREIGHTS.

The market for ocean freights continues strong. We quote:

	Liverpool, per ton.	Glasgow, per ton.	Hamburg, per 100 lbs.
Oil cake .....	12/6	12/6	\$0.18
Canned meats .....	15/	17/6	1.05
Bacon .....	15/	20/	1.05
Lard, tcs. ....	15/	20/	1.05
Lard (sm. p. kgs.) ..	15/6	20/	1.30
Butter .....	55/	50/	2 M.
Tallow .....	15/	17/6	1.05
Cottonseed oil, bbl. ....	3/4	4/	1.05
Beef, per te .....	3/	4/	1.05
Pork, per bbl. ....	2/	3/	3.75 M.

Direct port U. K. 3d. less for small steamers, and 4½¢ for large steamers berth terms. Direct port continent berth terms 3/1½¢3d.

### LIVE CATTLE.

#### Weekly receipts:

	Beoves.	Cows.	Calves.	Sheep.	Hogs.
Jersey City .....	3,794	3	1,181	21,609	9,431
Sixtieth St. ....	3,414	88	3,976	19,196	286
Fortieth St. ....	.....	.....	.....	.....	16,606
Hoboken .....	2,179	43	51	1,418	.....
Lehigh Val. R. R. ....	1,388	.....	.....	.....	3,76
Scattering .....	.....	.....	93	310	.....
Totals .....	9,773	134	4,301	42,533	30,089
Totals last week. ....	12,314	121	4,546	43,709	24,984

#### Weekly shipments:

	Live Cattle.	Live Sheep.	Quar. Beef.
Eastmans Company .....	.....	.....	3,880
D. H. Sherman .....	.....	.....	510
Nelson Morris .....	.....	.....	3,000
Swift & Company .....	160	.....	4,017
Schwarzchild & Sulzberger ..	781	.....	2,985
J. Shambert & Son .....	1,040	.....	.....
J. A. Hathaway .....	150	.....	.....
Pritchard, Moore & Co. ....	260	.....	.....
G. F. Lough & Co. ....	16	15	.....
D. G. Culver .....	20	.....	.....
A. Strauss .....	.....	20	.....
L. S. Dillenback .....	.....	.....	.....

Total shipments .....	2,843	85	13,823
Total shipments last week ..	2,709	.....	11,813
Boston " this week .....	2,591	2,086	10,566
Baltimore " .....	1,184	.....	.....
Philad'a. " .....	432	.....	1,005
Newport News " .....	710	.....	.....
Montreal " .....	2,407	2,912	.....
To London .....	3,597	2,185	2,386
To Liverpool .....	4,526	2,086	20,378
To Glasgow .....	1,027	405	.....
To Bristol .....	200	.....	.....
To Hull .....	250	.....	.....
To Southampton .....	.....	.....	2,620
To Manchester .....	191	319	.....
To Bermuda and West Indies	86	35	.....
Totals to all ports .....	10,187	5,093	25,384
" " last week .....	11,203	7,310	26,842

#### QUOTATIONS FOR BEEVES (New York).

Good to choice native steers ..... 5 15 a 5 35 || Medium to fair native steers ..... | 4 90 a 5 10 |
Common native steers .....	4 25 a 4 85
Stags and Oxen .....	2 80 a 4 50
Bulls and dry cows .....	1 75 a 3 25
Good to prime native steers one year ago ..	4 60 a 4 85

### LIVE CALVES.

The market was active, and on the week's quotations ¼¢ higher. A few select buttermilks brought 4½¢. We quote:

Live veal calves prime, per lb ..... 6 a 8 ½ || Live Calves, buttermilks, per lb ..... | 3½ a 4 ½ |

### LIVE HOGS.

There has been a scarcity of hogs on hand this week and prices have been irregular. The high prices asked early in the week prevented buyers from purchasing any more than their immediate demand. Prices upon going to press were as quoted below:

Hogs, heavy weights (per 100 lb.) ..... 4 50 a 4 60 || Hogs, heavy ..... | 4 90 a 5 10 |
Hogs, light to medium .....	4 40
Pigs .....	4 90 a 5 00
Roughs .....	4 00 a 4 50

### CHICAGO.

Union Stock Yards.—Hogs active and 5¢ higher than yesterday's average; light, 4¢40; \$4.35; mixed packers, \$3.90; \$4.35; heavy shipping grades, \$3.65; \$4.30; rough packing grades, \$3.65; \$3.75. Hogs closed steady; packers bought 16,000; shippers bought 7,500; left over, 5,000. The estimated receipts for to-morrow are 22,000.

### CINCINNATI.

Hogs fairly active at \$3.25; \$4.30.

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 Co., and Yonkers.



## EAST BUFFALO.

Hogs steady for mediums; others 5¢@10¢. lower; 22 cars on sale; Yorkers, \$4.50@4.55; mixed, \$4.40@4.45; mediums, \$4.35@4.40; heavy, \$4.30@4.35; roughs, \$3.75@3.85; stags, \$3.25@3.50.

## EAST LIBERTY.

Hogs strong; prime light Yorkers and medium weights, \$4.50@4.55; one deck extra light sold to an outside buyer at \$4.00; common to fair Yorkers, \$4.40@4.50; heavy weights, \$3.25@4.35.

## INDIANAPOLIS.

Hogs steady at \$4.20@4.32½.

## PEORIA.

Live hogs firm; light, \$4@4.15; mixed, \$3.90@4.12½; heavy, \$3.80@4.10; rough, \$3.50@3.75.

## ST. LOUIS.

Hogs steady to 5¢. higher; Yorkers, \$4.20@4.30; packers, \$4@4.20; butchers, \$3.90@4.25.

## LIVE SHEEP AND LAMBS.

The supply of sheep is very heavy, but only moderate demand, lambs being a shade easier, with outside figures extreme. We quote:

Live spring lambs, Southern, per lb. .... 6 a 6½  
" sheep, good to prime, " 3½ a 4½  
" poor to fair, " 2 a 3½

## LIVE POULTRY.

Both retail and wholesale dealers have a large accumulation on hand from last week and receivers are moving stock very slowly with prices decidedly lower and uncertain. Fowls and chickens realized 10¢, but it was full, and Southern chickens were shaded to 10¢. The Day of Atonement will occur Oct. 6, and chickens will have a large outlet and also roosters; latter ruling firm at 6½¢. today. Turkeys in lighter demand, weak and lower. Ducks and geese quiet and unchanged. Pigeons weak. We quote:

Spring chickens, local and Western, per lb. .... a 10½  
" Southern, " .... a 10  
Fowls, per lb. .... a 10½  
Roosters, per lb. .... a 6½  
Turkeys, per lb. .... a 11  
Ducks, Western, per pair, .... a 40  
" Southern and Southwestern, per pair .... a 40  
Geese, Western, per pair, .... a 100 a 125  
" Southern and Southwestern, per pair, 90 a 140  
Pigeons, old, per pair .... a 20  
" young and mixed, per pair, .... a 10 a 15

## DRESSED BEEF.

Trade has been quieter than usual this week, owing no doubt to the quantity of poultry selling, which is generally used at the Jewish festivals, but as receipts were light, they were ample, and only in one instance did we hear of an advance over our last week's quotations for city dressed beef; this was 8½¢. for heavy, but we consider that price extreme. We quote:

Choice Native, heavy, .... a 8½  
" light, .... a 8  
Common to fair Native, .... a 7½  
Choice Western, heavy, .... a 8½  
" light, .... a 7½  
Good to prime Western, .... a 7½  
Common to fair Texas, .... a 7½  
Good to choice Heifers, .... a 7½  
Common to fair Heifers, .... a 6½  
Choice Cows, .... a 6½  
Common to fair Cows, .... a 5½  
Good to choice Oxen and Stags, .... a 5½  
Common to fair Oxen and Stags, .... a 5  
Choice Bulls, .... a 5½  
Common Bulls and Cows for Butchers, .... a 4½

## DRESSED CALVES.

City dressed veals are improved with good demand and light supply, from ¼¢. advance. Country dressed ruled steady at little below city prices; trade fair, with moderate supply, a few choice veals continuing to bring a slight premium; outside quotations on buttermilks and grassers are extreme, and only reached for very attractive stock. We quote:

Veals, City dressed, prime, .... a 11 a 13  
" common to good, .... a 9 a 11  
" buttermilks, .... a 8 a 9  
" Country dressed, prime, .... a 11  
" common to good, .... a 9 a 10½  
" buttermilks, .... a 7 a 8  
" C. d., poor buttermilks and grassers, .... a 6 a 7

## DRESSED HOGS.

The market is firm with scarcity of stock, and prices irregular. We quote:

Hogs, heavy, .... a 6  
Hogs, 160 lbs., .... a 6½  
Hogs, 160 lbs., .... a 6½  
Hogs, 160 lbs., .... a 7  
Pigs, .... a 6½ a 8  
Country dressed, .... a 4½ a 7

## DRESSED SHEEP AND LAMBS.

A very slow market and a falling off of ½¢. in prices with a poor outlook for advancement in prices during the coming week, as receipts, according to invoices, will be heavy, and only limited demands booked. We quote:

Good to choice lambs, .... a 9 a 9½  
Common to medium lambs, .... a 7 a 9  
Good to prime sheep, .... a 7 a 8  
Common to medium, .... a 5½ a 6½

## DRESSED POULTRY.

A fair quantity of Western fowls and chickens is coming in to-day, while expected arrivals for balance of the week are somewhat larger than last week. Demand so far has been comparatively moderate, but a good trade confidently expected, and holders are inclined to feel firm and confident on desirable fowls and chickens. Some holders are talking a little firmer on choice scalded chickens this morning and asking 12¢., but while that price has been obtained in exceptional instances for fancy, it is hardly well enough established to quote. Choice dry-picked fowls are steadily held at 12¢. and finest dry-picked chickens bring the same figure, but most of the Western dry-picked chickens are unattractive and sell slowly. Philadelphia chickens continue to run poor, and prices show no indications of improvement. Spring turkeys sell fairly when choice and plump, but small and bony lots dragging at irregular prices. Spring ducks plenty and unchanged. Eastern geese steady. We quote:

Spring turkeys, dry-picked, choice, per lb., 14 a 16  
" scalded, " 12 a 14  
" small and thin, per lb., 7 a 10  
Turkeys, old, average lots, 10 a 11  
Spring chickens, Phila., fancy, per lb., 15 a 16  
" fair to good, 12 a 11  
" West., dry-picked, fancy, 11½ a 12  
" fair to good, 10 a 11  
" scalded, fancy, 11½ a 11½  
" fair to good, 10 a 11  
Fowls, State and Penn., good to prime, 12 a 12  
" Western, prim., dry-picked, 11½ a 11½  
" Southern, prim., dry-picked, 11½ a 11½  
" Western, prim., scalded, 11½ a 11½  
Old Cocks, Western, per lb., 8 a 8  
Ducks, Eastern, spring, per lb., 13 a 13  
" L. 1., spring, per lb., 9 a 10  
" W. stern, spring, prime, per lb., 9 a 10  
" " " " " 6 a 7  
Geese, Eastern, spring, white, per lb., 12 a 14  
" dark, 12 a 13  
Squabs, choice, large, white, per doz., 2 00 a 2 25  
" small and poor, per doz., 1 25 a 1 50

## PROVISIONS.

A good demand and firm market for hams; smoked beef tongues are a trifle easier, but city pork loins are scarce and readily command prices quoted. Western pork loins have correspondingly advanced. We quote:

## (JOBBER TRADE).

Smoked hams, 10 lbs. average, .... a 9½ a 10½  
" 12 to 14 " .... a 9 a 9½  
" heavy, .... a 8½ a 9½  
California hams, smoked, light, .... a 7½ a 8  
" heavy, .... a 8½ a 9½  
Smoked bacon, boneless, .... a 10 a 10½  
" (rib in), .... a 8 a 9½  
Dried beef sets, .... a 18 a 20  
Smoked beef tongues, per lb., .... a 14 a 15  
" shoulders, .... a 6 a 6½  
Pickled bellies, light, .... a 7½ a 9  
" heavy, .... a 7 a 8  
Fresh pork loins, City, .... a 10½ a 11  
" Western, .... a 10 a 10½  
Pork tenderloins (frozen), .... a 15 a 16

## FISH.

Jobbing demand better; outside figures asked in exceptional cases. We quote:

Cod, heads off, .... a 8 a 10  
" heads on, .... a 3 a 4  
Halibut, .... a 10 a 15  
Striped bass, .... a 10 a 15  
Bluefish, .... a 3 a 5  
Eels, skinned, .... a 9 a 12  
" skin on, .... a 9 a 12  
White perch, .... a 3 a 5  
Flounders, .... a 3 a 5  
Salmon, Western, .... a 13 a 15  
Smelts, Kennebec, .... a 13 a 15  
" green, .... a 12 a 14  
Lobsters, large, .... a 7 a 9  
" medium, .... a 7 a 9  
Herrings, .... a 10 a 12  
Red snappers, .... a 10 a 12  
Mackerel, medium, .... a 10 a 12  
" large, .... a 15 a 20  
" Spanish, .... a 18 a 20  
Shad, roes, .... a 70 a 80  
Scallops, .... a 4 a 5  
Soft crabs, .... a 4 a 5  
Porgies, .... a 4 a 5  
Weakfish, .... a 2 a 3

## GAME.

Woodcock and partridges very scarce, the former, especially, and wanted at firm prices. Grouse in fair supply, but demand limited. Inquiries are making in regard to snipe, plover and wild ducks, and we add them to the list. We quote:

Woodcock, per pair, .... a 90 a 1 25  
Partridges, per pair, .... a 1 00 a 1 25  
Grouse, per pair, .... a 50 a 90  
Reed birds, per doz., .... a 30 a 50  
Wild ducks, canvas, per pair, .... a 2 00 a 2 50  
" redhead, " .... a 1 50 a 2 00  
" mallard, " .... a 35 a 40  
" blue wing teal, per pair, .... a 20 a 25  
" green wing teal, " .... a 20 a 25  
" common, per pair, .... a 16 a 17  
Venison, fresh, per lb., .... a 1 50 a 2 00  
English Snipe, per doz., .... a 1 50 a 2 00  
Golden plover, per doz., .... a 1 00 a 1 50  
Grass Plover, per doz., .... a 1 00 a 1 50

## BUTTER.

Receipts for week, 32,173 packages. While very serious effects of the drouth are still reported in many sections of the West it does not seem probable that the make of butter will show any further shrinkage. The increase, if any, will come very slowly, however, and it will be necessary to continue the liberal use of storage butter to keep the trade supplied. Fancy fresh creamery is not at all plenty and holds steady to firm at 22¢. A good deal of stock that ought to be extras, but which shows faults that throw it into the grade of firsts; for such there is quiet trading at 20¢@21¢. Seconds and thirds work out slowly and at somewhat irregular rates. Considerable interest is still shown in June creamery, with a decidedly firm holding; some small and not very well known marks of fancy quality can still be had at 19¢., but 19½¢. is the more general wholesale price, with especially fancy goods going at 20¢.—a block of more than a carload sold at the latter figure. Only a few really State dairy fresh tubs arriving, and these bring 18¢@19¢.; lower grades work out slowly but are in small supply. Buyers are bidding more money for choice fresh imitation creamery. No further sales of June dairies, but a very firm feeling; fresh goods arrive sparingly and the tendency is still upward. We quote:

## NEW BUTTER.

Creamery, Western, extras, per lb., .... a 22  
" firsts, .... a 19½ a 21  
" seconds, .... a 16 a 18  
" thirds, .... a 14 a 16  
" State, extras, .... a 21½ a 23  
" firsts, .... a 19 a 21½  
" thirds to seconds, .... a 14 a 18  
" June make, extras, .... a 16 a 20  
" firsts, .... a 16 a 18  
State dairy, half firkin tubs, extras, .... a 18½ a 19  
" firsts, .... a 16 a 17  
" seconds, .... a 14 a 16  
" thirds, .... a 12 a 13  
Tubs, thirds, .... a 12 a 13  
Tins, etc. .... a 15 a 16  
Western imitation creamery, best, .... a 15 a 16  
" firsts, .... a 13 a 14  
" seconds, .... a 12 a 13  
" factory, extra (June packed), .... a 11½ a 12½  
" firsts, .... a 11½ a 12½  
" fresh, firsts, .... a 12 a 12½  
" seconds, .... a 11 a 11½  
" thirds, .... a 9 a 10½

## CHEESE.

Receipts last 6 days 50,362 boxes. Occasional sales of exceptional quality large cheese have been made at 9½¢., but it is extreme; only two or three exporters show any disposition to operate, and their ideas are rarely above 9¢., and to sell with any freedom that is all that can be depended upon, and several good sized lots are reported sold on that basis. Small size full cream are having some home trade demand, though hardly equal to the receipts. Prices are held with a fair degree of firmness for fancy grades. Skims in fair supply to-day, and with a slow demand the tone is easy. We quote:

## NEW CHEESE.

State, full cream, large, colored, fancy, .... a 9  
" white, .... a 8½ a 9  
" choice, .... a 8½ a 9½  
" fair to good, .... a 8½ a 9½  
" common, .... a 7½ a 8  
" colored, small, fancy, .... a 9½  
" white, " .... a 9½ a 9½  
" small, choice, .... a 8½ a 9  
" common to good, .... a 7½ a 8½  
" light skims, choice, small, .... a 7½ a 8½  
" large, .... a 6½ a 7  
" part " small, .... a 6½ a 7  
" large, .... a 6½ a 7  
" good to prime, .... a 5 a 6½  
" common to fair, .... a 4 a 6½  
" full skims, .... a 3 a 4½



# WANTED.--FOR SALE.--BUSINESS OPPORTUNITIES.

## NOTICE.

Advertisements in this column to occupy one inch or less are inserted at the minimum rate of one dollar per insertion (one inch of eight lines or less). Fifteen cents per line for every additional line above eight lines. Double rates for headlines.

## BUSINESS OPPORTUNITIES.

### Good Opening for Right Party

Large Western Packing and Stock yards Company fully equipped and ready for business, with excellent prospects, situated in the heart of the best cattle and hog section of a great R. R. centre, requires active men and additional Capital. Address C. B. T., Box 92, THE NATIONAL PROVISIONER, NEW YORK.

## FOR SALE.

### FOR SALE. 6-Ton Refrigerating Machine WITH ENGINE.

Four and a Half Ton Refrigerating Machine Belt Power.

Taken in Exchange for Larger Machines.  
Also One Good Forty H. P. Boiler.

REMINGTON MACHINE CO., Wilmington, Del.

## PRESSES FOR SALE CHEAP

Three Johnson Filter Presses, 36 Plates, 18 inches diameter, and  
One Filter Press, 20 Plates, 18 inches square. Will stand 1,000 pounds to the square inch. Also One No. 3 Oleo Press.

JOSEPH LISTER,  
1158-1160 Elston Avenue, Chicago.

## BUTCHER SHOP FOR SALE.

A fine shop in good location in Harlem is for sale at reasonable figures. Apply to Publication Office of this paper, 284 Pearl street, New York.

LIVE & DEAD STOCK, ANIMAL PRODUCTS & GEN. PROVISION AGENTS & DEALERS  
(correspondence solicited)  
EDWD HEYMANS & FILS (PARIS)  
(Established 1872) 19, rue Béranger (FRANCE)

## POSITIONS WANTED.

### BEEF EXTRACT.

WANTED—An apparatus for filling 2, 4, 8, and 16-oz. jars with beef extract. Address B. F. A., Box 12, THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

## POSITION WANTED.

A HOLLANDER, 36 years of age, good butcher, thorough penman, speaking German and English fluently, thoroughly familiar with live stock and packing house products and wholesale business, wants suitable position as salesman or office man in some large house in the West.

Address, J. D. B., care of "The National Provisioner," 284 Pearl St., New York.

## HELP WANTED.

### PACKINGHOUSE ARCHITECTURE.

We want a man thoroughly familiar with packing house architecture and packing house machinery, and sufficiently educated to write or furnish valuable articles on these subjects.

THE NATIONAL PROVISIONER,  
284-286 Pearl St., New York.

## SOAPMAKER WANTED.

AN EXPERIENCED SOAPMAKER can find a position by applying or writing to the publication offices of this paper, 284-286 Pearl street, New York.

## WANTED.

AN EXPERIENCED, THOROUGHLY reliable and capable man as foreman in pork packing house: state experience, references, etc. Address "FOREMAN," Box 34, care THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

## EUROPEAN AGENCIES

American Houses desiring to be represented by good parties in European cities on articles of American manufacture, produce, inventions and finance, will do well to correspond with A. G., Foreign Department, THE NATIONAL PROVISIONER, 284 PEARL STREET, NEW YORK.

## OUR YELLOW BOOK

...The...

### Manufacture of Cotton Seed Oil

AND ALLIED PRODUCTS

IS NOW READY!

## NOTICE.

This book is now ready for delivery, price, \$3 per copy.

Registered postage, 25 cents. Send check or postal order for \$3.25.

## TABLE OF CONTENTS.

### COTTONSEED OIL MANUFACTURE:

- a The fundamental principles of oil milling.
- b A systematic analysis of cake indispensable.
- c Extremes of temperatures in cooking the meals equally wasteful.
- d Short time pressing baneful in its results.
- e The steam pressure gauge an important factor.
- f The recording thermometer used to indicate past conditions present in heater.
- g Pressure and its correct application in the obtaining of extractable oil.
- h The recording hydraulic pressure gauge.
- i Modern heaters, their construction and operation.
- j The difficulty experienced in treating meals.
- k Hints to practical oil millers with regard to pressroom appliances and methods.
- l Refining and filter press classification.
- m Evils attending the use of the hair mat.
- n Hard cake and measures for its prevention.
- o The manufacture of cottonseed oil on a small scale incompatible with economy.

### LATEST METHODS FOR REFINING OF COTTONSEED OIL:

Cottonseed Oil for soap making.

### CAKE ANALYSIS:

Testing process, apparatus required, cost of same.

### IMPORTANT ADDENDA:

FILTER PRESSES AND OTHER MACHINERY.

RULES REGULATING TRANSACTIONS IN COTTONSEED OIL AMONG MEMBERS OF THE NEW YORK PRODUCE EXCHANGE.

BUTTERINE AND MARGARINE MANUFACTURERS IN EUROPE.

COTTON OIL MILLS IN THE UNITED STATES.

The National Provisioner Publishing Co.

284 & 286 Pearl Street, New York.

11 Rialto Building, Chicago.

The Cottage Market, meats, etc., New Haven, Conn., was destroyed by fire, and also attached.

## FOR SALE:—

### BEEF REFRIGERATOR IN SCHENECTADY, N. Y.

Scales, Tracks and Fittings Complete in Every Respect. Stable in connection. Everything in first-class shape. House but one year old.

Address G., Box 214, "THE NATIONAL PROVISIONER," 284-6 Pearl Street, New York City.

## EGGS.

Receipts last six days, 58,287 cases. The dullness and generally weak features noted are accompanied by heavy receipts, pressure to sell, and a further reduction in values of Western fresh gathered eggs. Dealers are very largely using a considerable quantity of their own holdings in store, and their purchases on the open market are light and selective. It is possible that small lots of Western may still be found so closely selected and so free from mixture with old eggs as to command a slight premium, but as a rule holders are offering their finest goods freely at 17½c., and report an extremely dull trade at that; some are offering to cut to 17c. in the effort to reduce accumulations which, in some stores have become burdensome. Under grades are still pressed for sale, but it is very hard to move them in competition with well-kept refrigerators. Some of the Jewish buyers are on the market again to-day, but their wants are small. Seconds dull and weak. Refrigerator spring packed have a few sales at unchanged prices. We quote:

State and Penna., fancy, per doz.	19	a 20
" fair to good	17	a 18½
Western, fresh-gathered, fancy	17	a 17½
Western, average prime	15½	a 16½
Western, fair quality	15	a 16
West-ra, poor to fair, case count, per doz.	9	a 14
Western, dirties, candled, case count	10	a 10
Western, dirties and secs., ord., case count	7	a 9
Checks, per 30-doz. case	2 00	a 2 40
Refrigerator stock, early packed, choice	14½	a 15
" fair to good	13½	a 14
" short-hold., pr. to choice	16	a 17

## BUTCHERS' SUNDRIES.

Trade is looking up and demand has been much better this last week; all sundries have been moving freely with an advance on beef tenderloins and a small decline on lamb's fries. We quote:

Fresh Beef Tongue	65c
Calves' heads, scalded	35 to 40c a piece
Sweet breads	25 to 30c a pair
Calves' livers	40 to 60c a piece
Beef kidneys	10 to 12c a piece
Mutton kidneys	3c a piece
Livers, beef	40 to 60c a piece
Oxtails	6 to 8c a piece
Hearts, beef	15 to 20c a piece
Rolls, beef	10 to 12c a lb
Butts, beef	6 to 8c a lb
Tenderloins, beef	21 to 30c a lb
Lamb's fries	8c a pair

## BONES, HOOFS, HAIR AND HORNS.

Round shin bones, dry, av. 48 lbs. to 100 pieces, per ton	a \$56.00
Flat shin bones, dry, av. 41 lbs. to 100 pieces, per ton	a 42.00
Thigh bones, av. 75 lbs. to 100 pieces, per ton	a 80.00
Horns, 7½ ounces and over	a 25.00
" 7½ ounces and under	a 145.00
" No. 3	a 110.00
Gluestock, per 100 lbs	a 90c
Hair tails	a 3c

## SHEEPSKINS.

A healthy condition of trade exists. Sheepskins are quoted at 75c. and lambskins at \$1.05. Pickled sheep and lambskins are firmer and in brisk demand. The quality of Canada stock now coming in freely is very good.

## BUTCHERS' FAT.

There seems to be no uniform prices offered for fat, as from numerous inquiries among the trade, both retail and wholesale, anything from 1½c. to 2½c. is given, the situation being summed up in the words of a dealer, "We give what we must, but we don't give more than we can help." Suet is unchanged. We quote:

Superior	1½
Suet, fresh and heavy	4
Shop bones (per cwt.)	30

## GREEN CALF SKINS.

There is no alteration in regard to prices this week, but there is a decided feeling among the dealers of indifference as to whether they buy or not, at below prices, which they consider extreme, and which is not covered in any way by the little advance made by the tanners. We quote:

No. 1 Skins	17
No. 2 Skins	13
Buttermilk skins	15
Cut Buttermilk skins	13
Heavy No. 1 Kips, 16 lbs. and over	2 25
Heavy No. 2 Kips, 17 lbs. and over	2 10
No. 1 Kips, 14 to 18 lbs.	2 05
No. 2 Kips, 14 to 18 lbs.	1 65
Buttermilk Kips, 14 to 18 lbs.	1 65
Cut Buttermilk Kips, 14 to 18 lbs.	1 40
Branded Kips	1 20
Branded Skins, per lb.	15

See page 16 for reports of Hide and Skin markets in principal cities.

## SAUSAGE CASINGS.

Sheep, imported, wide, per bundle	64
" " " per keg, 50 bbls.	32 00
" " " medium, per bble	50
" " " narrow, " "	34
" " " domestic, " "	40
Hog, American, 100, per lb.	12
" " " bbls., per lb.	13
" " " ½ bbls., per lb.	14
" " " kegs, per lb.	14
Beef guts, rounds, per set (100 feet), f.o.b. N. Y.	15
" " " " Chicago	13
" " " per lb.	3 a 4
" " " humps, piece, f.o.b. N. Y.	a 6
" " " " Chicago	a 6½
" " " per lb.	4 a 6
" " " middles, per set (57/60 ft.) f.o.b. N. Y.	65
" " " " Chic.	63
" " " per lb.	7½ a 8½
" wassands, per 1,000, No. 1's	5
" " " No. 2's	2 a 3
Russian rings	12 a 30

## SALTPETRE.

Crude	3½	a 3½
Refined—Granulated	4½	a 4½
Crystals	4½	a 5½
Powdered	5	a 5½

## SPICES.

	Whole.	Ground
Pepper, Sing. Black	9½	11
" " White	11½	16
" " " " "	11½	11½
" " " " "	15	15
" " " " "	9	9
" " " " "	8½	10½
Allspice	4	6
Coriander	10	12
Cloves	45	50
Mace	45	50
Nutmegs, 110s.	45	50
Ginger, Jamaica	23	26
" " " " "	8	10
Sage Leaf	9	10
" " " " "	12	12
Marjoram	25	25

## The Fertilizer Market.

## NEW YORK MARKET.

The general position of the market continues favorable for a good fall trade, but the recent liberal buying of leading ammoniates has satisfied manufacturers' pressing needs, and there is a momentary lull, but values are fairly well held. Southern manufacturers are still considerable buyers, which helps to prevent any reaction in values. There are considerable quantities of potash salts being delivered on existing contracts, which supply current needs, but new business is rather quiet. Nitrate of soda is rather quiet and featureless at former figures. We quote:

Ground bone, fine average, per ton	\$21.00	a 23 50
Kainit, future shipment, per 2,000 lbs.	8 80	a 8 90
Kainit, ex store, in bulk	8 40	a 8 90
Keiseret, future shipments	7 25	a 7 50
Muriate potash, 80 per cent., fut. shp't	1 75	a 1 78
Muriate potash, 80 p. c., ship, ex store	1 78	a 1 80
Nitrate of soda, spot	1 67½	a 1 70
Nitrate of soda, futures	1 62½	a 1 67½
Double manure salt (18 a 49 per cent. less than 2½ per cent. chloride), to arrive, per lb. (basis 48 per cent.)	1 01	a 1 01½
The same, spot	1 02	a 1 03
High grade manure salt (90 a 98 per cent. sulphate potash), to arrive (basis 90 per cent.)	1 96½	a 2 00½
Manure salt in bulk, 24 a 36 per cent., per unit O. F.	36½	a 37½
Bone black, spent, per ton	16 00	a 16 50
Ammon. superphos., high grade	25 00	a 26 00
Dried blood, New York, high grade, fine ground	1 90	a 1 95
Dried blood, West., high gr., fine ground	1 87½	a 1 90
Tankage, per ton	16 25	a 16 75
Azotine, per unit	1 65	a 1 70
Fish scrap, wet (at factory), f. o. b.	18 80	a 19 00
Sulphate ammonia, gas, per 100 lbs.	2 17½	a 2 22½
Sulphate ammonia, bone, per 100 lbs.	3 10	a 3 13½
South Carolina phosphate rock, ground, per 2,000 lbs.	5 50	a 5 75
South Carolina phosphate rock, undried, f. o. b. Ashley River, per 2,400 lbs.	a 3 00	
The same, dried	3 25	a 3 45

## THE GLUE MARKET.

There is a steady but not urgent demand and supply of both hide and foot grades continues ample so far. Prices, while firm, are not changed. Foreign makes are neglected. We quote:

A Extra, white	22c
1 Extra	18c
1	16c
1	14c
1	13c
1	12c
1	11c
1	10c
1	9c
1	8c
1	7c

## CHICAGO MARKETS.

## LARDS.

Prime Steam	4½
Neutral	6½
Compound	4½

## STEARINES.

Oleo-stearines	5½
----------------	----

## OILS.

Lard oil, Extra	28
" " No. 1	32
" " No. 1	28
" " No. 2	26
Oleo oil, "Extra"	7½
Neatfoot Oil, Pure	45
" Extra	35
" No. 1	31

## TALLOW.

Tallow Oil	35
Packers' Prime	4
No. 2	3½
Edible Tallow	4½

## GREASES.

Brown	2½
Yellow	2½
White	3½
Bone	2½

## BUTCHERS' FAT.

Rough shop fat	1½
Inferior or black fat	1½
Suet	2½
Shop Bones, per 100 lbs.	30

## COTTONSEED OIL.

P. S. Y., in tanks	22
Crude	28
Butter oil, barrels	30

## FERTILIZER MARKET.

Dried blood, 16 to 17 units	2.00	Uhgo. f. o. b
Hoof meal, per unit	1.70	"
Concent tankage, 14 to 15 p. c. p. unit	1.70	"
Unground tankage, 10 to 11 p. c. per ton	16.00	"
Unground tankage, 9 & 30 p. c. per ton	15.00	"
Unground tankage, 8 & 30 p. c. per ton	13.75	"
Unground tankage, 7 & 30 p. c. per ton	11.50	"
Unground tankage, 6 & 35 p. c. per ton	11.00	"
Bone meal, per ton	21.00	"
Bones, rough, "packers"	16.50	"
Steamed bone meal per ton	16.50	"
Ground tankage, \$1 per ton extra		"

## HORNS, HOOFS AND BONES.

Horns No. 1	\$170 per ton	65-70 lbs. average
Horns	\$19.00 to \$21.00	per ton
Round Shin Bones	\$60.00 to \$65.00	" "
Flat Shin Bones	\$37.50	" "
Thigh Bones	\$90 per ton	90-100 lbs. average

## PACKERS' SUNDRIES.

Pork loins	a 7½
Pocket Pieces	a 4
Tenderloins	a 12½
Spare ribs	a 4½
Trimnings	a 4½
Ham Trimnings	a 4½
California Butts	a 6½
Boston Butts	a 6½
Cheek Meat	a 3½

## CURING MATERIALS.

Sugar in New Orleans is quoted as follows:	
Pure open kettle	2½ a 2½
White, clarified	3½
Plantation granulated	3½

## COOPERAGE.

Barrels	72½ a 75
Lard tierces	80 a 82½

## CHICAGO LIVE STOCK.

RECEIPTS FOR WEEK ENDING SEPTEMBER 27.

	Cattle.	Calves.	Hogs.	Sheep.
Sept'r 21	4,904	493	16,303	19,738
" 22	16,996	354	33,025	21,644
" 24	13,189	366	31,732	12,293
" 24	4,796	146	22,931	10,726
" 25	692	12	15,558	5,836
" 27	22,000	200	35,000	25,000

Total	62,677	1,481	154,749	95,236
Previous week	47,639	1,650	116,034	93,041
Same week, '96	44,989	1,378	133,238	90,663
" '95	72,230	3,805	129,367	80,496
Receipts, Sept. 28	4,000		20,000	22,000
" 29	17,000		26,000	18,000

(Above receipts estimated).

The average weight of hogs last week 261 lb, the heaviest average in nearly four years, or since November, 1893. Average the previous week 253 lb, two weeks ago 244 lb, a month ago 253 lb, two months ago 240 lb, a year ago 252 lb, two years ago 255 lb and three years ago 231 lb.



**BUTCHERS.**

The following Mortgages on Butchers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Sept. 25, 1897. They are a reprint of our Advance Sheet, sent out to houses on Sept. 25, who subscribe to same.

**NEW YORK CITY.**

Costello, Joe, 505 West 33d; to S. Caputa.....	\$130
Fischer, Chas., 543 West 46th and 101½ West 49th; to National Loan Association .....	200
Haas, Herman; to E. Marschieder (R.).....	137
Neff, Alfred, 717 Courtlandt Ave.; to Louisa Neff.....	3,000
Orth, Hy., 1675 Lexington Ave.; to Sally Orth.....	1,000
Reich, Ephraim, 57 Cannon; to J. Levy.....	32
Schenker, Max, 240 Monroe; to L. Brown .....	150
Tropauer, Nathan, 144 Ridge; to M. Glantz.....	350
Wolf, Tillie, 1656 3d Ave.; to R. Nathan.....	100

**Bills of Sale.**

Danziger & Rudnitsky, 75 West 97th; to M. Odensky .....	150
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**KINGS COUNTY.**

Joraschek, B., 2931 Fulton; to A. Ottenberg.....	40
Monitz, C., 41 Grand; to J. Woessner.....	500

**Bills of Sale.**

Baum, P., 1580 Broadway; to W. Harms.....	1,100
Brucker, J., Central Ave. and Palmetto St.; to Jordan & Strauss..	750
Heckelman, Philip; to Annie Heckelman.....	Nom.
Ottenberg, A., 2931 Fulton; to B. Joraschek.....	80

An advertisement in this paper brings your goods under the notice of the largest buyers in the trade.

**HEVERT & WEISBART,**

Wholesale Dealers in

**VEAL and MUTTON**

CORNER HENDERSON & 20th STREETS,  
JERSEY CITY, N. J.

**A. E. MACADAM,  
BUTCHERS' ROLL AND FLAT PAPER**

Paper Bags, Twines, Butter Diabes and  
Boxes of every description.

265 GREENE AVE., BROOKLYN.  
TELEPHONE 226 BEDFORD.

**GROCERS.**

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Sept. 25, 1897. They are a reprint of our Advance Sheet, sent out to houses on Sept. 25, who subscribe to same.

**NEW YORK CITY.**

Anable, E. N., 113 to 119 East 16th and 35 to 43 Irving place; to A. Symington, trustee (Hotel) ...	\$20,000
Dirkes, H. F., 310 West 145th; to H. Heuer.....	1,000
Fitjen, J. D., Jerome Ave. and 1st St.; to C. B. Hinck.....	100
Fomaseo, Jennie, 87 West 3d; to B. Fischer & Co.....	141
Krauss, Rosa, 357 East 72d; to L. Blumenthal.....	100
Meinke, Hy., 230 West 32d; to H. Cordes .....	600
Mayer, Walter, 102d and 8th Ave.; to L. H. Mase & Co.....	442
Schellhammer, Fred, 3065 3d Ave.; to A. B. Decker.....	300
Uffermann, A. W., 12 Lawrence; to J. A. Willenbrock.....	1,000

**Bills of Sale.**

Decker, A. B., 3065 3d Ave.; to F. Schellhammer.....	800
Fuest, John, 177 Ave. A; to G. Fuss .....	1,200
Glashberg, Rosa, 2133 2d Ave.; to C. B. Change.....	50
Graap, Chas. J., 437 West 49th; to Rosine Graap.....	100
Ray, Samuel, 364 East 10th; to I. Horowitz .....	200
Schoeller, Jacob, 402 6th Ave.; to J. Y. Slater (Restaurant).....	1,200
Sinclair, C. & J., 5 East 42d; to H. L. Boughton (Restaurant) .....	1

**KINGS COUNTY.**

Rudolph, P., 278 Bainbridge; to Ida Rudolph.....	1,500
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**Bills of Sale.**

Haubold, J., 977 Flushing Ave.; to Lena Haubold (Delicatessen).....	Nom.
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**HUDSON COUNTY.**

Schult, A. H., Hoboken; to R. M. Mitchell, Jr.....	900
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NOTE.—The above information will be furnished on a special advance sheet one week ahead of this publication to all those who may desire to order it. Price, \$2.50 per year, 52 weekly sheets.

Do you  
want to  
purchase a

**NATIONAL CASH  
REGISTER**

AT ONE-HALF ITS VALUE? or EXCHANGE your old Register for a better improved one at a small difference in cash? Bear in mind the goods offered at 124 EAST 14th STREET, NEW YORK, are equal to any shown elsewhere at a much higher price. TWO YEARS' GUARANTEE given with each Register. REPAIRING done at a very reasonable figure. SUPPLIES cheaper than elsewhere.

F. BRAININ.

**BRETTLER & BERGER,**

Manufacturers of

**BUTCHERS' • FIXTURES**

Butter Boxes and Ice Houses  
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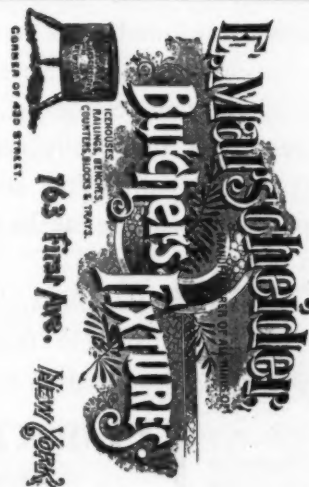
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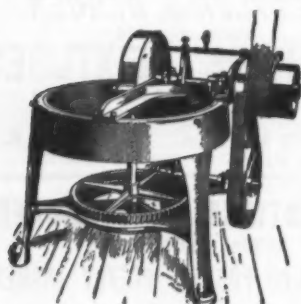
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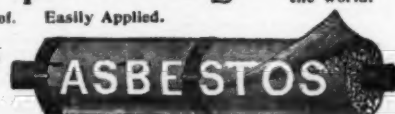
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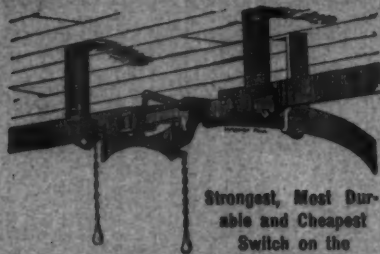




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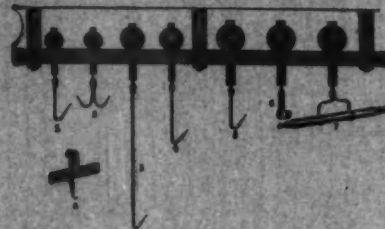


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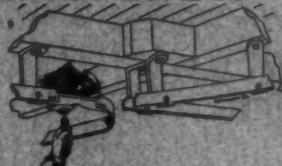


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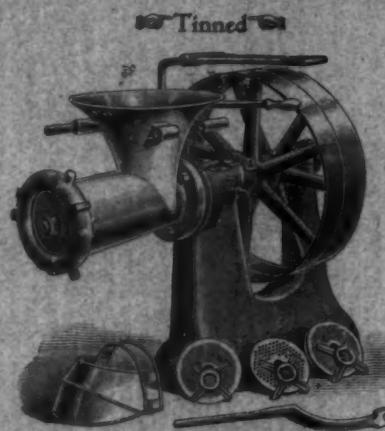
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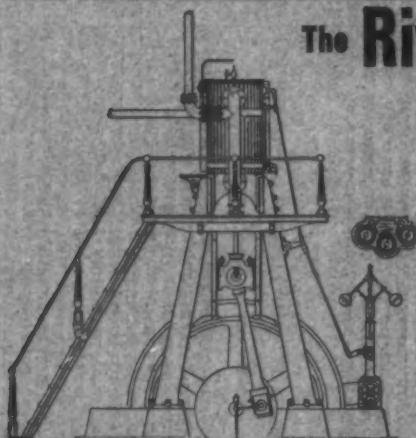
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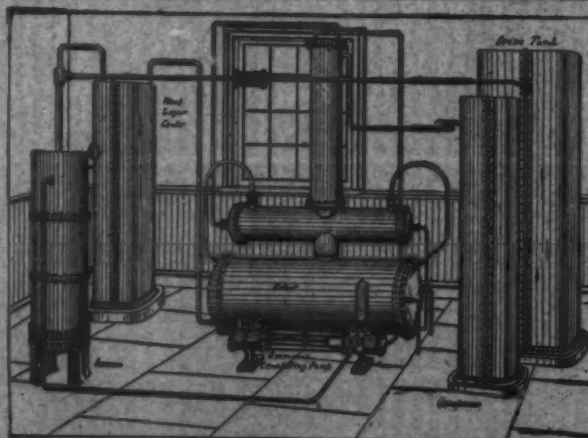
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